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FINANCING OF THE UNITED NATIONS TRANSITIONAL AUTHORITY IN CAMBODIA

Report of the Secretary-General

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I. INTRODUCTION

1. By its resolution 717 (1991) of 16 October 1991, the Security Council decided to establish, under its authority, a United Nations Advance Mission in Cambodia (UNAMIC) immediately after the signing of the Agreements on a Comprehensive Political Settlement of the Cambodia Conflict (hereinafter referred to as the Agreements) and in accordance with the report of the Secretary-General dated 30 September 1991. 1/ In his report, the Secretary-General indicated that the duration of the Mission's mandate would extend from the signature of the Agreements until the establishment of the United Nations Transitional Authority in Cambodia (UNTAC) by the Security Council and the adoption of its budget by the General Assembly.

2. UNAMIC became operational on 9 November 1991 and its mandate was expanded by the Security Council in its resolution 728 (1992) of 8 January 1992 to include training in mine clearance and the initiation of a mine-clearance programme, as required, for the effective implementation of the Agreements.

3. By its resolution 745 (1992) of 28 February 1992, the Security Council approved the report of the Secretary-General of 19 February 1992 2/ containing the plan for implementing the mandate envisaged in the Agreements. By the same resolution, the Council decided to establish UNTAC under its authority, in accordance with the report of the Secretary-General, 2/ for a period not to exceed 18 months. The Security Council also requested the Secretary-General, inter alia, to report to the Council by 1 June 1992 and subsequently in September 1992, January 1993 and April 1993 on progress to date in the implementation of that resolution and on tasks still to be performed, with particular regard to the most effective and efficient use of resources.

4. The arrival in Phnom Penh on 15 March 1992 of the Special Representative of the Secretary-General marked the initial deployment of UNTAC, which thereupon absorbed UNAMIC.

5. On the basis of the Secretary-General's visit to Cambodia from 18 to 20 April 1992, the first progress report was submitted to the Security Council on 1 May 1992. 3/ Details on progress achieved as at that date and tasks still to be performed by each component are described in paragraphs 11 to 43 of that report.

6. In accordance with annex 2, article I, paragraph 1, of the Agreements (A/46/608-S/23177, annex), all Cambodian parties agree to observe a comprehensive cease-fire on land and water and in the air. The cease-fire would be observed with the assistance of the Secretary-General through his good offices. During the second phase, the cease-fire would be supervised, monitored and verified by UNTAC. The Commander of the military component of UNTAC, in consultation with the parties, would determine the exact time and date at which the second phase would commence.

7. The first phase entered into effect with the signing of the Agreements on 23 October 1991 and the good offices mechanism provided in the Agreements has been in place since November 1991, when UNAMIC was deployed.

8. On 9 May 1992, the Commander of the military component of UNTAC announced that the second phase of the cease-fire would begin on 13 June 1992.

9. In order to draw to the attention of the Security Council certain difficulties encountered by UNTAC in the implementation of the Agreements, a special report on UNTAC was submitted by the Secretary-General on 12 June 1992 4/ so that the Council could consider what action it might appropriately take to ensure that UNTAC received the cooperation it needed and, in particular, that the timetable for implementation was adhered to. In the report, it was noted, inter alia, that one party had failed to comply with the Agreements and had refused to canton any of its forces.

10. On the same day, the President of the Security Council, following consultations among members of the Council, made a statement stressing the need for the second phase of the military arrangements to begin on 13 June 1992 and urged the Secretary-General to accelerate the deployment of the full UNTAC peace-keeping force to Cambodia and within the country. 5/

11. A second special report on UNTAC was presented by the Secretary-General to the Security Council on 14 July 1992. 6/ As indicated in that report, the second phase commenced as scheduled on 13 June 1992. Three of the four parties had shown willingness to participate in the regroupment and cantonment process.

12. By its resolution 766 (1992) of 21 July 1992, the Security Council approved the efforts of the Secretary-General and his Special Representative to continue to implement the Agreements despite the difficulties. By the same resolution the Council invited the Secretary-General and his Special Representative to accelerate the deployment of the civilian components of UNTAC, especially the component mandated to supervise or control the existing administrative structures. The Council also requested the Secretary-General and his Special Representative to ensure that international assistance to the rehabilitation and reconstruction of Cambodia would benefit only the parties which are fulfilling their obligations under the Agreements and cooperating fully with UNTAC.

13. Pursuant to paragraph 10 of resolution 745 (1992), the second progress report on UNTAC was submitted by the Secretary-General to the Security Council on 21 September 1992. 7/ The Council, by its resolution 783 (1992) of 13 October 1992, approved that report.

14. In paragraph 2 of resolution 783 (1992), the Security Council confirmed that, in conformity with paragraph 66 of the second progress report, 7/ the electoral process should be carried out in accordance with the timetable laid down in the implementation plan and that the election for a constituent assembly would be held no later than May 1993.

15. In paragraph 3 of the same resolution, the Security Council supported the intention of the Secretary-General, expressed in paragraph 67 of his report, 7/ concerning the increase in the number of checkpoints in the country and along its borders with neighbouring countries, as well as appropriate modifications in the manning of those checkpoints.

16. In paragraph 9 of the same resolution, the Security Council emphasized the importance of the elections being held in a neutral political environment, and encouraged the Secretary-General and his Special Representative to continue their efforts to create such an environment. In that context, the Council requested that the UNTAC radio broadcast facility be established without delay and with access to the whole territory of Cambodia.

17. In paragraph 10 of the same resolution, the Security Council encouraged the Secretary-General and his Special Representative to make use fully of all possibilities offered by the mandate of UNTAC to enhance the effectiveness of existing civil police in resolving the growing problems relating to the maintenance of law and order in Cambodia.

18. The report of the Secretary-General on the implementation of Security Council resolution 783 (1992) 8/ was submitted to the Council on 15 November 1992. The report contained a brief overview of main developments in Cambodia since the second progress report dated 21 September 1992. 7/

19. Paragraph 2 of the latest report 8/ provides details on the commendable, yet unsuccessful, efforts undertaken successively by the Governments of Japan and Thailand and the Co-Chairmen of the Paris Conference on Cambodia to convince the Party of Democratic Kampuchea (PDK) to fulfil its obligations under the Agreements.

20. As invited under paragraph 13 of resolution 783 (1992), the Secretary-General had requested the Co-Chairmen of the Paris Conference to undertake appropriate consultations with a view to implementing fully the peace process. During the consultations held in Beijing, it became clear that PDK was still not prepared to cooperate in the further implementation of the Agreements. Furthermore, PDK also indicated its intention not to take part in the electoral process and in the subsequent elections, so long as, according to that party, a neutral political condition was not ensured.

21. In a declaration released after the Beijing consultations, the Co-Chairmen considered, inter alia, that PDK non-compliance with the second phase of the cease-fire required an adjustment of the implementation plan, particularly with regard to the activities of the military component of UNTAC.

22. In paragraphs 24 and 25 of his report, 8/ the Secretary-General refers to possible courses of action and/or decisions that the Security Council might wish to consider to avoid a paralysis of the peace process.

23. In paragraph 26 of his report, 8/ the Secretary-General concurs with the Co-Chairmen of the Paris Conference that the implementation of the peace

process must continue and that the timetable, leading to the holding of free and fair elections no later than May 1993, must be maintained.

24. In paragraph 31 of his report, the Secretary-General states that, given the continuing failure of PDK to enter the second phase of the cease-fire and the resulting obstacle to the continuation of the cantonment and demobilization process, he has approved the recommendation made by his Special Representative that UNTAC should adjust the deployment of its military component, with a view to fostering a general sense of security and enhancing its ability to protect the electoral process.

25. It is recalled that by its resolutions 46/198 A of 20 December 1991 and 46/198 B of 14 February 1992, the General Assembly appropriated $14,319,200 and $19,257,000, respectively, for UNAMIC. It is further recalled that by its resolution 46/222 A of 14 February 1992, the Assembly appropriated $200,000,000 for the initial phase of the deployment of UNTAC. In addition to the amounts previously appropriated, the Assembly, by its resolution 46/222 B of 22 May 1992, appropriated an amount of $606,000,000 for the operation in Cambodia (UNAMIC and UNTAC) through 31 October 1992.

26. UNAMIC was absorbed into UNTAC as from 15 March 1992. By its resolution 46/222 B, the General Assembly also requested the Secretary-General, inter alia, to submit to the Assembly, no later than at its forty-seventh session, a report on such additional requirements as may be necessary and to include in the report detailed and up-to-date information on the performance of UNTAC. The present report is submitted in accordance with that request.

II. STATUS OF ASSESSED CONTRIBUTIONS

27. Table 1 summarizes the status of assessed contributions, received and unpaid as at 31 October 1992. As shown, total outstanding assessments of $215,863,300 are due from Member States for UNAMIC ($4,935,000) and for UNTAC ($210,928,300).

Table 1

Status of contributions as at 31 October 1992

(Thousands of United States dollars)

	UNAMIC 1 November to 30 April 1992	UNTAC to 31 October 1992	Total
Amounts appropriated	33 576.2	806 000.0	839 576.2
Less: applied credits a/	(281.8)	(4 176.8)	(4 458.6)
Amounts apportioned	33 294.4	801 823.2	835 117.6
Less: payments received	28 359.4	590 894.9	619 254.3
Balance due	4 935.0	210 928.3	215 863.3

a/ Based on the distribution of the estimated income from staff assessment.

III. VOLUNTARY CONTRIBUTIONS

28. In paragraph 13 of its resolution 46/222 B, the General Assembly invited Member States to make voluntary contributions to UNTAC both in cash and in the form of services and supplies acceptable to the Secretary-General. Voluntary contributions in the form of services and supplies donated by Governments during the period under review are shown in table 2.

Table 2

Voluntary contributions by Governments in the form of services and supplies*

Government	Description	Estimated value (United States dollars)
France	Use of 3 medium transport aircraft (59 plane/months) and use of 6 utility helicopters (122 helicopter/months)	29 900 000
Japan	Items received: 285 colour television sets 300 video tape recorders Emergency health kits Items offered: 5 colour television sets 5 video tape recorders 200 portable generators 1 set (354 pieces) spare parts for portable generator	Value currently undetermined
Switzerland	Will continue to make available air ambulance service for the repatriation of those wounded or taken ill in the performance of their duties as required	This service was not utilized during the period under review
United States of America	1,500,000 meals ready to eat	570 000

* Except for the voluntary contribution of France, these services and supplies were not budgeted for.

29. The Secretary-General hereby appeals once again to Member States to consider making available voluntary contributions in cash and in kind in support of the continuing operation of UNTAC.

IV. STATUS OF REIMBURSEMENTS TO TROOP CONTRIBUTING STATES

30. Troops are currently being provided to UNTAC by 20 Governments, namely, Bangladesh, Bulgaria, Canada, Chile, China, France, Germany, Ghana, India, Indonesia, Japan, Malaysia, the Netherlands, New Zealand, Pakistan, the Philippines, Poland, Thailand, Tunisia and Uruguay.

31. Full reimbursement in accordance with standard rates of reimbursement has been made to those Governments up to the period ending 30 September 1992.

V. FINANCIAL PERFORMANCE REPORT ON THE UNITED NATIONS ADVANCE MISSION IN CAMBODIA AND THE UNITED NATIONS TRANSITIONAL AUTHORITY IN CAMBODIA FOR THE PERIOD FROM 1 NOVEMBER 1991 TO 31 OCTOBER 1992

32. The appropriations provided for the combined operations, UNAMIC and UNTAC, as well as the revised apportionment thereof, for the period from 1 November 1991 to 31 October 1992, are set out by budget line in annex I. Supplementary information thereon is provided in annex II. As summarized in annex I, the revised apportionment will amount to $677,215,400 gross, ($672,215,300 net). Of these, the amount of $20,023,200 gross ($19,777,200 net) relates specifically to UNAMIC as indicated in the earlier report of the Secretary-General on the financing of UNAMIC and UNTAC (A/46/903).

33. It may be noted that there is an unencumbered balance of $162,345,800 gross ($160,941,000 net) in respect of this period. Of the unencumbered balance, $81,255,200 relates to premises and accommodation. The urgent need during the formation stage of UNTAC to provide office, warehouse and workshop space was adequately met through rented facilities. The immediate availability of those facilities, coupled with the expected long lead-time for delivery of prefabricated building units, made rental the preferred, more economical solution, at least as a short-term arrangement.

34. The late deployment of military contingents accounts for the unencumbered balance of $23,780,100 in standard troop costs, welfare leave allowance, rations, daily allowance and travel expenses.

35. The savings of $10,577,800 under international and local staff were attributable to the delay with which the aforementioned staff came on board.

36. Savings in air and surface freight of $26,758,800 were due to the lower than anticipated cost of this line item.

37. It may be recalled that the implementation plan for UNTAC 2/ called for the phasing out of six battalions after September 1992, when the process of regroupment, cantonment and disarmament of the forces of the four Cambodian parties and the demobilization of at least 70 per cent of each of them was to have been completed. The original estimates had been drawn up on that basis.

38. As indicated in paragraph 31 of the report of the Secretary-General on the implementation of Security Council resolution 783 (1992), 8/ the reduction in the strength of the military component as envisaged in the implementation plan 2/ is no longer feasible. Accordingly, it was proposed that its present level of deployment should be maintained until the elections.

39. The performance report for the period from 1 November 1991 to 31 October 1992 takes into consideration this adjustment to the implementation plan.

40. Progress achieved by each component of UNTAC as detailed in the first progress report, 3/ the second special report 6/ and the second progress report 7/ of the Secretary-General to the Security Council is summarized below.

A. Human rights component

41. UNTAC has established a quick-response mechanism for investigating alleged human rights violations, composed of members of the human rights, civil administration and police components, as appropriate. In this connection, more than 150 human rights investigations have been carried out by the human rights component.

42. In April, the component commenced its first training programmes for UNTAC police monitors and has subsequently included United Nations Volunteers. In addition, training sessions for local organizations, teachers, school administrators and others have been organized.

43. By late October, human rights officers had been deployed in all 21 provinces.

B. Electoral component

44. The Special Representative presented the draft electoral law drawn up by UNTAC to the Supreme National Council at its meeting on 1 April 1992. It was adopted by the Council on 5 August and was promulgated on 12 August.

45. Initial work on the compilation of socio-demographic and cartographic data required for the detailed planning of the election process has been undertaken by the Advance Election Planning Unit, which was financed from the Trust Fund for the Cambodian Peace Process and established in January 1992. The unit has now been integrated with the electoral component of UNTAC.

46. The electoral component has deployed some 200 international staff at UNTAC headquarters and in the provinces. The 400 United Nations Volunteers have been fully deployed to the district level.

47. The provisional registration of political parties began on 15 August.

48. Voter registration began on 5 October 1992 in Phnom Penh. About 2.5 million Cambodians, or almost half of the estimated 5 million qualified to do so, have now been duly registered.

C. Military component

49. As at the end of April, the total number of troops deployed within Cambodia was 3,694. By July, the number had increased to some 14,300 troops. The military component is now almost fully deployed at just below its projected strength of 15,900, with 12 infantry battalions, military observers, engineer, signals, naval, air and other elements, totalling about 15,700, all ranks.

50. The military component has established nine checkpoints on Cambodia's border with Viet Nam, two on the border with the Lao People's Democratic Republic and seven on the border with Thailand. Checkpoints have also been established at the airports and at the port of Sihanoukville, as well as on major routes within the country. In accordance with paragraph 3 of Security Council resolution 783 (1992), UNTAC has drawn up plans to strengthen border controls.

51. A total of 52 cantonment areas were envisaged in the plan. However, following discussions with the Cambodian parties, it was agreed to establish a total of 55 cantonment areas, and 45 of them were established.

52. As at 10 July, the total number of troops cantoned by the three cooperating Cambodian parties was 13,512. A breakdown of the number of troops cantoned by each party is listed in paragraph 3 of the second special report of the Secretary-General. 6/

53. By 10 September UNTAC had cantoned approximately 50,000 troops, a breakdown of which is listed in paragraph 22 of the second progress report of the Secretary-General. 7/ By November, when some 55,000 troops of the three participating factions had entered the cantonment sites and handed over their weapons, the cantonment process was effectively suspended. Some 40,000 of them were subsequently released, subject to recall by UNTAC, on agricultural leave.

54. UNTAC has also deployed mine-clearance training teams which continue to train members of the Cambodian parties in mine clearance. Eleven mine-clearance training centres have been established and some Cambodians have now been fully trained. About 350 are currently employed by UNTAC in mine-clearance activities.

D. Civil administration component

55. Over 800 members of the civil administration component - some 200 international and 600 locally-recruited staff - have been deployed.

56. On 1 July, the component began to exercise full control over the five key areas in the Phnom Penh administration, as specified in the Agreements: foreign affairs, national defence, public security, finance and information.

57. In Phnom Penh, administration personnel are currently deployed in the ministries of national defence, public security, foreign affairs, information and finance.

58. In the area of information, UNTAC established on 10 June a Media Working Group composed of representatives of the Cambodian parties. UNTAC has presented the Working Group with a draft media charter.

59. By 15 July, UNTAC provincial offices had been established in all 21 provinces.

E. Police component

60. At the end of April, a total of 193 civilian police monitors had arrived in Cambodia, increasing to a total of 1,780 by July. To date, some 3,400 police officers have been deployed throughout the country to supervise the fair and impartial enforcement of law and order.

F. Repatriation component

61. Repatriation of Cambodian refugees and displaced persons began on 30 March 1992. At the end of April, a total of 5,763 persons had returned, increasing to a total of 50,000 by July. To date, some 200,000 Cambodians have returned to their country under the auspices of the repatriation component, with the Office of the United Nations High Commissioner for Refugees (UNHCR) acting as the lead agency.

G. Rehabilitation component

62. On 20 April 1992, the Secretary-General formally launched an appeal to the international donor community to provide $593 million to meet the immediate rehabilitation needs of Cambodia.

63. The Ministerial Conference on the Rehabilitation and Reconstruction of Cambodia, held in Tokyo on 22 June 1992, resulted in pledges of $880 million, which was in excess of the $593 million called for in the appeal.

VI. REQUIREMENTS OF THE UNITED NATIONS TRANSITIONAL AUTHORITY IN CAMBODIA FROM 1 NOVEMBER 1992 TO 31 JULY 1993

64. The requirements for the nine-month period from 1 November 1992 to 31 July 1993 amount to $925,802,500 gross ($906,632,100 net). The estimates are presented in annex III with supplementary information thereon in annex IV. The requirements for the six-month period from 1 November 1992 to 30 April 1993 and for the following three-month period, including repatriation costs, are shown separately. The proposed civilian staffing table is shown in annex VII.

VII. REVISED COST ESTIMATES OF THE UNITED NATIONS ADVANCE MISSION IN CAMBODIA AND THE UNITED NATIONS TRANSITIONAL AUTHORITY IN CAMBODIA FOR THE PERIOD FROM 1 NOVEMBER 1991 TO 31 JULY 1993

65. The revised cost estimates for UNAMIC and UNTAC for the period from 1 November 1991 to 31 July 1993 amount to $1,603,018,000 gross ($1,578,847,500 net), representing a reduction of $118,578,700 gross ($120,665,100 net) from the initial cost estimates presented in the previous report of the Secretary-General (A/46/903). The revised cost estimates are presented in annex V, with supplementary information thereon in annex VI.

VIII. OBSERVATIONS

66. It may be recalled that in his second progress report, 7/ the Secretary-General stated that the proposal for holding an election to designate a Cambodian head of state on the basis of direct universal suffrage was being examined. The Secretary-General subsequently noted the views of the Co-Chairmen of the Paris Conference on this matter and shares their assessment that the holding of a presidential election would contribute to the process of national reconciliation and help to reinforce the climate of stability which will be needed during the delicate period when the constituent assembly will have the task of drafting and adopting the new Cambodian constitution.

67. The Special Representative has therefore been requested to make contingency plans for the organization and conduct of such an election by UNTAC, on the understanding that it would require, in due course, the authorization of the Security Council and the provision of additional resources.

IX. ACTION TO BE TAKEN BY THE GENERAL ASSEMBLY AT ITS FORTY-SEVENTH SESSION

68. The action that would appear to be required in connection with the financing of UNTAC is as follows:

(a) An appropriation of an amount of $633,961,200 gross ($620,808,500 net) for the continued operation of UNTAC for the period from 1 November 1992 to 30 April 1993 and for the apportionment thereof (see annex III);

(b) A decision to the effect that the unencumbered balance of $162,345,800 gross ($160,941,000 net) in respect of the period from 1 November 1991 to 31 October 1992 (see annex I) be credited to Member States against their assessments in respect of the period beginning on 1 November 1992;

(c) An authorization in the amount of $291,841,300 gross ($285,823,600 net) for the continued operation of UNTAC for the period from 1 May to

31 July 1993 (see annex III), subject to the concurrence of the Advisory Committee on Administrative and Budgetary Questions as to the exact level of commitments to be entered into for that period, and for the apportionment thereof.

Notes

1/ S/23097 and Add.1.

2/ S/23613.

3/ S/23870 and Corr.1 and 2.

4/ S/24090.

5/ S/24091.

6/ S/24286.

7/ S/24578.

8/ S/24800.

ANNEX I

United Nations Advance Mission in Cambodia and United Nations Transitional Authority in Cambodia

Financial performance report for the period from 1 November 1991 to 31 October 1992

Summary statement

(Thousands of United States dollars)

	Apportionment	Revised apportionment	Savings/ (over-runs)
1. Military personnel costs			
(a) Military observers			
Subsistence allowance	14 489.5	25 204.1	(10 714.6)
Travel costs	1 743.9	2 440.4	(696.5)
Clothing and equipment allowance	57.5	131.2	(73.7)
Subtotal	16 290.9	27 775.7	(11 484.8)
(b) Military contingent			
Standard troop cost reimbursement	90 200.0	82 052.1	8 147.9
Welfare	1 100.0	816.0	284.0
Rations	40 000.0	26 372.3	13 627.7
Daily allowance	3 200.0	2 778.1	421.9
Travel costs	14 400.0	13 101.4	1 298.6
Subtotal	148 900.0	125 119.9	23 780.1
(c) Other costs pertaining to contingents			
Death and disability compensation	5 000.0	5 000.0	0.0
Contingent-owned equipment	16 220.0	16 220.0	0.0
Subtotal	21 220.0	21 220.0	0.0
2. Civilian personnel costs			
(a) Civilian police			
Mission subsistence allowance	52 600.0	50 130.3	2 469.7
Travel	5 760.0	5 324.7	435.3
Clothing allowance	45.0	400.4	(355.4)
Subtotal	58 405.0	55 855.4	2 549.6

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	Apportionment	Revised apportionment	Savings/ (over-runs)
(b) International and local staff			
International staff salaries	20 643.0	13 834.4	6 808.6
Local staff salaries	2 830.3	1 630.0	1 200.3
Common staff costs	8 886.2	6 452.8	2 433.4
Mission subsistence allowance	18 388.1	16 506.6	1 881.5
Travel	3 157.3	5 031.9	(1 874.6)
Overtime	200.0	71.4	128.6
Subtotal	54 104.9	43 527.1	10 577.8
(c) United Nations Volunteers	8 430.0	7 311.8	1 118.2
3. Premises/accommodation			
(a) Rental of premises	1 454.1	6 421.4	(4 967.3)
(b) Maintenance and alteration of premises	2 046.3	2 763.6	(717.3)
(c) Utilities	1 013.9	688.0	325.9
(d) Prefabricated units	182 815.9	96 202.0	86 613.9
Subtotal	187 330.2	106 075.0	81 255.2
4. Infrastructure repairs	10 000.0	12 224.3	(2 224.3)
5. Transport operations			
(a) Purchase of vehicles	70 423.9	71 573.9	(1 150.0)
(b) Rental of vehicles	500.0	248.7	251.3
(c) Workshop equipment	680.0	310.6	369.4
(d) Spare parts, repairs and maintenance	2 375.3	8 328.2	(5 952.9)
(e) Petrol, oil and lubricants	9 087.4	4 269.8	4 817.6
(f) Vehicle insurance	1 138.9	609.4	529.5
Subtotal	84 205.5	85 340.6	(1 135.1)
6. Air operations			
(a) Helicopters			
Hire/charter costs	20 000.0	18 045.5	1 954.5
Aviation fuel and lubricants	2 880.2	3 999.8	(1 119.6)
Subtotal	22 880.2	22 045.3	834.9

		Apportionment	Revised apportionment	Savings/ (over-runs)
(b)	Fixed-wing aircraft			
	Hire/charter costs	5 700.0	6 195.1	(495.1)
	Aviation fuel and lubricants	4 200.0	1 858.6	2 341.4
	Subtotal	9 900.0	8 053.7	1 846.3
(c)	Air crew subsistence allowance	0.0	1 300.0	(1 300.0)
(d)	Other air operations costs			
	Air traffic control services	5 000.0	10 812.3	(5 812.3)
	Landing fees and ground handling	200.0	557.0	(357.0)
	Liability insurance	0.0	15.0	(15.0)
	Fuel storage container	34.5	250.0	(215.5)
	Subtotal	5 234.5	11 634.3	(6 399.8)
7.	Naval operations			
(a)	Preparation costs	2 000.0	347.2	1 652.8
(b)	Fuel	3 200.0	1 294.5	1 905.5
(c)	Maintenance costs	2 500.0	1 022.0	1 478.0
(d)	Rental of landing-craft	800.0	21.0	779.0
	Subtotal	8 500.0	2 684.7	5 815.3
8.	Communications			
(a)	Complementary communication			
	Communications equipment	23 051.1	16 073.0	6 978.1
	Spare parts and supplies	714.4	1 633.6	(919.2)
	Workshop and test equipment	1 759.8	381.1	1 378.7
	Commercial communications	1 833.8	5 638.6	(3 804.8)
	Subtotal	27 359.1	23 726.3	3 632.8
(b)	Main trunking contract			
	Equipment	19 500.0	15 447.0	4 053.0
	Spare parts and supplies	2 000.0	1 739.0	261.0
	Transport and freight costs	2 000.0	3 213.0	(1 213.0)
	Contractual costs for operation of trunking system	2 500.0	9 888.0	(7 388.0)
	Subtotal	26 000.0	30 287.0	(4 287.0)

	Apportionment	Revised apportionment	Savings/ (over-runs)
9. Other equipment			
(a) Office furniture	2 715.3	3 529.0	(813.7)
(b) Office equipment	6 000.0	2 988.3	3 011.7
(c) Observation equipment	500.0	194.5	305.5
(d) Data-processing equipment	8 000.0	8 649.3	(649.3)
(e) Petrol tank plus metering equipment	2 100.0	594.4	1 505.6
(f) Medical equipment	400.0	105.0	295.0
(g) Generators	11 074.6	11 948.7	(874.1)
(h) Miscellaneous equipment	2 850.9	3 203.6	(352.7)
(i) Parts and repair of equipment	1 747.0	2 190.1	(443.1)
Subtotal	35 387.8	33 402.9	1 984.9
10. Supplies and services			
(a) Miscellaneous services			
Audit services	100.0	0.0	100.0
Contractual services	3 007.6	2 390.0	617.6
Security services	1 200.0	137.9	1 062.1
Medical treatment and services	400.0	70.7	329.3
Maintenance services	300.0	314.5	(14.5)
Claims and adjustments	500.0	1.7	498.3
Miscellaneous other services	301.8	190.4	111.4
Subtotal	5 809.4	3 105.2	2 704.2
(b) Miscellaneous supplies			
Stationery and office supplies	1 000.0	1 818.5	(818.5)
Medical supplies	2 600.0	3 369.1	(769.1)
Sanitation and cleaning materials	400.0	177.1	222.9
Subscriptions	300.0	33.8	266.2
Ballistic protective blankets for vehicles	5 500.0	575.0	4 925.0
Uniform items, flags and decals	1 500.0	673.5	826.5
Field defence stores	749.1	179.0	570.1
Operational maps	500.0	382.6	117.4
Quartermaster and general stores	700.0	985.2	(285.2)
Miscellaneous supplies	841.0	641.0	200.0
Subtotal	14 090.1	8 834.8	5 255.3

	Apportionment	Revised apportionment	Savings/ (over-runs)
11. Election-related supplies and services			
(a) Standard kits for registration teams	3 000.0	6 463.7	(3 463.7)
(b) Various election materials	4 000.0	623.4	3 376.6
(c) Election-related contractual services	1 500.0	2 433.0	(933.0)
Subtotal	8 500.0	9 520.1	(1 020.1)
12. Public information programmes			
(a) Equipment	3 000.0	532.0	2 468.0
(b) Materials and supplies	200.0	41.3	158.7
(c) Contractual services	1 500.0	149.0	1 351.0
Subtotal	4 700.0	722.3	3 977.7
13. Training programmes	1 204.7	190.0	1 014.7
14. Mine-clearing programmes			
(a) Mine-clearing equipment	2 017.5	2 637.7	(620.2)
(b) Supplies, services and operating costs	6 000.0	1 349.8	4 650.2
Subtotal	8 017.5	3 987.5	4 030.0
15. Assistance to factions			
(a) Rehabilitation assistance to the demobilized military forces	5 000.0	1 477.3	3 522.7
(b) Provision of food to the forces of the Cambodian parties, including transportation and distribution	9 000.0	866.4	8 133.6
Subtotal	14 000.0	2 343.7	11 656.3

		Apportionment	Revised apportionment	Savings/ (over-runs)
16.	Air and surface freight			
	(a) Transport of contingent-owned equipment	15 000.0	16 320.0	(1 320.0)
	(b) Military airlift	30 000.0	4 664.0	25 336.0
	(c) Commercial freight and cartage	3 337.6	594.8	2 742.8
	Subtotal	48 337.6	21 578.8	26 758.8
17.	Support account for peace-keeping operations	4 348.9	4 348.9	0.0
18.	Integrated Management Information System	0.0	0.0	0.0
19.	Staff assessment	6 404.9	5 000.1	1 404.8
	TOTAL, lines 1-19	839 561.2	677 215.4	162 345.8
20.	Income from staff assessment	(6 404.9)	(5 000.1)	(1 404.8)
	NET TOTAL	833 156.3	672 215.3	160 941.0

ANNEX II

United Nations Advance Mission in Cambodia and United Nations Transitional Authority in Cambodia

Financial performance report for the period from 1 November 1991 to 31 October 1992: supplementary information

	Savings/ (over-runs) United States dollars
1. Military personnel costs	
(a) Military observers	(11 484 800)

1. Additional resources were required for mission subsistence allowance ($10,714,600), travel costs ($696,500) and clothing and equipment allowance ($73,700). While the original estimates provided for 485 military observers and 173 mine-clearing personnel, the actual number of personnel on board is 918, including other military personnel who were entitled to the same allowance paid to military observers, as shown in the table below:

	Authorized	On board
Military observers	485	483
Mine-clearing personnel	173	182
Naval observers	-	209
Engineer Planning and Liaison Cell personnel	-	39
Military staff officers	-	5
Total	658	918

2. Provision had been made for the payment of mission subsistence allowance at the United Nations accommodation-provided rate of $100 per person per day to some 76 per cent of military observers. Since UNTAC was not able to provide the accommodation as originally envisaged, mission subsistence allowance was paid at the approved rate of $145 per person per day to all military personnel.

(b) Military contingent 23 780 100

3. The implementation plan for the military component of UNTAC called for the deployment, for varying periods, of up to 15,242 military personnel, all ranks, of formed units. The actual number of such personnel on board as at 31 October 1992 is 14,471.

4. Because of delays in the arrival of the contingents and the support units, savings totalling $23,780,100 were realized under standard troop cost reimbursement ($8,147,900), welfare ($284,000), rations ($13,627,700), daily allowance ($421,900) and travel costs ($1,298,600).

5. Provision had been made for food and bottled drinking water for 15,242 troops (infantry and logistics battalions) for the varying periods of their deployment in the mission area at an estimated cost of $23.80 per person per day. The actual average cost of rations amounted to $15.00 per person per day.

6. The amount for travel ($1,298,600) reflects the actual cost for emplacement of military personnel. The savings were due to the favourable terms in the global travel contracts entered into by the United Nations.

(c) Other costs pertaining to contingents

Death and disability compensation ..... -

7. The amount allocated has been obligated to cover potential claims for death, injuries and disability.

Contingent-owned equipment ..... -

8. The original estimate has been retained for this item. Troop-contributing Governments have yet to submit invoices for the equipment and supplies brought in to the mission area.

2. Civilian personnel costs

(a) Civilian police 2 549 600

9. The implementation plan called for the deployment for varying periods of up to 3,600 civilian police. To date, there are 3,400 civilian police on board. Because of delays in the arrival of the civilian police, savings totalling $2,905,000 were realized under mission subsistence allowance ($2,469,700) and travel costs ($435,300); these were partially offset by additional requirements for clothing allowance

($355,400). While the original estimates were calculated on the assumption that 95 per cent of the civilian police would be paid mission subsistence allowance at the United Nations accommodation-provided rate of $100 per day, none of the civilian police were provided with accommodations. Hence, the payment for subsistence allowance was at the rate of $145 per day.

(b) International and local staff 10 577 800

10. Savings under international staff salaries ($6,808,600), local staff salaries ($1,200,300), common staff costs ($2,433,400), mission subsistence allowance ($1,881,500) and overtime ($128,600) were partially offset by over-expenditure under travel ($1,874,600). The savings were primarily due to the slower than planned build-up of international and local staff in the mission area. Of the total of 6,391 staff (1,020 international and 5,371 local) required to provide administrative, substantive and technical support services to UNTAC, only 3,190 (953 international and 2,237 local) are currently deployed.

(c) United Nations Volunteers 1 118 200

11. Savings under this heading were due to the downward revision of the basic remuneration for United Nations Volunteers from the original estimate of $36,000 per person per annum to the current rate of $29,524 per person per annum.

3. Premises/accommodation 81 255 200

12. Savings totalling $86,939,800 from utilities ($325,900) and prefabricated units ($86,613,900) were partially offset by additional requirements of $5,684,600 for rental of premises ($4,967,300) and maintenance and alteration of premises ($717,300).

13. The number of leased premises is 250. The increased requirement for rental of premises in the amount of $4,967,300 was due, inter alia, to (a) the underestimation of building space required for the operation of UNTAC; (b) the unexpected artificial inflation of rental rates; and (c) the delay in delivery and construction of prefabricated units

14. The increased requirement of $717,300 for maintenance and alteration of premises was due to the higher than anticipated cost for renovation of buildings and other rental facilities in Phnom Penh, Battambang and at all locations throughout the mission area.

15. The requirement for utilities was less than originally estimated because the electrical power supply in the mission area was not suitable for powering computers and other office equipment, and power is available only in Phnom Penh.

16. Reduced requirements for prefabricated units were due to the fact that fewer units were purchased than originally planned. Of the prefabricated accommodation purchased, four 100-man living/accommodation units, fully equipped and furnished, were diverted to the United Nations Operation in Somalia (UNOSOM). The total cost, including ocean freight, amounted to $11 million. Tables A.1 and A.2 show a comparison between the number of prefabricated living and office accommodation units originally estimated and the actual number of units purchased.

17. Other factors that contributed to the lower than anticipated expenditures under this heading were the following:

(a) It was found that more accommodations were available in Cambodia than was originally foreseen;

(b) Suppliers could not deliver the prefabricated accommodation units within the time frame required by UNTAC;

(c) The cost of prefabricated warehouses and transit camps were lower than originally estimated;

(d) While provision had been made for the improvement of accommodation for military personnel through the construction of prefabricated ablution, kitchen and mess facilities and the upgrading of working and sleeping accommodations, a number of the projects were undertaken by the military contingents themselves using locally available materials and hiring local Khmer labour at a much lower cost.

Table A.1

Estimated number of living and office accommodations, by item and type of accommodation

Item/ type of accommodation	Living accommodation				Office accommodation	
	800 person camp	4 person camp	8 person camp	100 person camp	550 person accn.	100 person accn.
For HQ UNTAC (800 PERSONS)	1				1	
For 20 UNTAC provincial offices				20		20
For district police and electoral personnel			260			
For military observers		121				
Total	1	121	260	20	1	20

Table A.2

Actual number of living and office accommodations, a/
by item and type of accommodation

Item/ type of accommodation	Living accommodation					Office accommodation		
	200 person camp	4 person camp	8 person camp	100 person camp	50 person camp	550 person accn.	100 person accn.	50 person accn.
For 200 man living camp	1					1		
For 20 UNTAC provincial offices				6	8		6	8
For district police and electoral personnel		50	200					
For military observers								
Total	1	50	200	6	8	1	6	8

a/ Excluding four 100-man living/office accommodation units diverted to UNOSOM.

4. Infrastructure repairs ..... (2 224 300)

18. Additional resources amounting to $2,224,300 were required under this heading because of the higher than estimated cost of repairing railways and railway bridges that have not been maintained for 20 years and are in a state of total disrepair.

5. Transport operations ..... (1 135 100)

19. Savings totalling $5,967,800 under rental of vehicles ($251,300), workshop equipment ($369,400), petrol, oil and lubricants ($4,817,600) and vehicle insurance ($529,500) were offset by additional requirements of $7,102,900 for the purchase of vehicles ($1,150,000) and spare parts, repairs and maintenance ($5,952,900).

20. The additional requirements of $1,150,000 for purchase of vehicles were due to the need for the acquisition of 26 vehicles for which no budgetary provision had been made.

21. Details relating to the acquisition of vehicles in respect of UNAMIC and UNTAC are shown in annex IX, including the 26 additional vehicles purchased, as well as other vehicles transferred to UNTAC from other missions.

22. Details relating to the full vehicle establishment are shown in annex X.

23. The requirement for vehicle rental was less than originally estimated, mainly because of the late deployment of staff and the limited availability of cars for hire.

24. The additional requirements amounting to $5,952,900 for spare parts, repairs and maintenance were higher than originally estimated.

25. The savings of $4,817,600 under petrol, oil and lubricants were due to the lower mileage travelled by all vehicles each day. While the cost of petrol, oil and lubricants was estimated on the basis of all vehicles (United Nations-owned and contingent-owned) travelling 75 miles per day, the average distance travelled each day was 46 miles. Delays in the arrival of vehicles and in the deployment of staff also contributed to the lower consumption of these products.

26. The savings of $529,500 under vehicle insurance were due to the lower cost of third-party vehicle insurance ($150 per vehicle) as compared to the original estimate of $236 per vehicle.

6. Air operations

(a) Helicopters 834 900

27. Savings under hire/charter of helicopters amounting to $1,954,500 were partially offset by additional requirements of $1,119,600 for aviation fuel and lubricants.

28. Savings of $1,954,500 were due to lower than anticipated monthly cost of hiring four heavy transport helicopters ($530,000 per helicopter), 20 medium transport helicopters ($57,000 per helicopter), one utility tactical helicopter ($75,000) and two light observation helicopters ($62,500 per helicopter).

29. Over-expenditure of $1,119,600 under aviation fuel and lubricants was mainly due to the additional flying hours.

(b) Fixed-wing aircraft 1 846 300

30. Savings under aviation fuel and lubricants amounting to $2,341,400 were partially offset by additional requirements of $495,100 for the hire/charter of fixed-wing aircraft.

31. The over-expenditure under the hire/charter of fixed-wing aircraft was due to the additional charges incurred for positioning, de-positioning and painting of the aircrafts.

32. Owing to scheduling problems in the local airports, the aircraft have not been fully utilized, resulting in savings under aviation fuel and lubricants.

(c) Air crew subsistence allowance ..... (1 300 000)

33. Unforeseen requirements amounting to $1,300,000 for air crew subsistence allowance were due to the fact that the contract for the commercially chartered fleet did not include the provision of accommodation and meals for its crew while travelling outside Phnom Penh. As a result, UNTAC had to reimburse the air crew for room accommodation up to $79 per day and provide an allowance of $30 per day for meals and incidentals.

(d) Other air operations costs .... (6 399 800)

34. Additional requirements totalling $6,399,800 for other air operations costs are summarized below.

35. Additional requirements under air traffic control services and equipment ($5,812,300) were due to the higher

than originally estimated costs of mobile air-control towers, air traffic control equipment, airfield lighting kits, fire-fighting and fuel testing equipment and ground power units and other airport services. A detailed breakdown of the cost of air traffic control services and equipment is shown in annex XI.

36. Additional requirements under landing fees and ground handling ($357,000) were due to the higher than originally estimated charges relating to these services outside Cambodia and the frequency of such flights, owing to medical evacuations, transport of passengers and cargoes.

37. Requirements for liability insurance in the amount of $15,000 were not provided in the original estimates.

38. Requirements for fuel storage containers in the amount of $215,500 were not provided in the original estimates.

7. Naval operations 5 815 300

39. Savings totalling $5,815,300 under naval operations were as follows: preparation costs and equipment ($1,652,800), fuel ($1,905,500), maintenance costs ($1,478,000) and rental of landing-craft ($779,000). After extensive delays, a total of 32 Cambodian vessels were made available to UNTAC by August 1992, namely, 23 boats and 9 landing-craft, of which 15 boats and 6 landing-craft were operational.

40. Because of the lack of spare parts, the remaining 11 vessels were considered non-serviceable. Owing to operational requirements, it was necessary to purchase 25 zodiac boats, inflatable boats and safety equipment for patrolling inland waterways. Fuel consumption was lower than anticipated because of the delay in bringing the naval vessels into operational capacity. The provision for the rental of landing-craft was not fully utilized since the requirement would be at a later date during the registration and election period.

8. Communications

(a) Complementary communication 3 632 800

41. Savings totalling $8,356,800 for complementary communications equipment ($6,978,100) and workshop and test equipment ($1,378,700) were partially offset by additional requirements totalling $4,724,000 for spare parts and supplies ($919,200) and commercial communications ($3,804,800).

42. Annex XII provides details on complementary communications equipment purchased as compared to that included in the original estimates. Supplementary information on savings realized under each line item is provided in annex XIII.

43. The resources provided for workshop and test equipment have not been fully utilized pending the purchase of the Intelsat earth station and the completion of the workshops at Phnom Penh and Battambang.

44. Additional requirements for spare parts and supplies ($919,200) and commercial communications ($3,804,800) were lower than originally estimated. Revised requirements based on invoices received and actual use recorded in the system are as follows:

Australian field communications unit Inmarsat	550 000	
UNTAC-owned Inmarsats	1 600 000	
UNTAC radio room Inmarsats	700 000	
Mobile telephone bill (international)	137 000	
International direct dialling lines, UNTAC HQ	576 000	
International direct dialling lines outside UNTAC HQ	992 000	
New York/Bangkok telephone and facsimile costs	1 020 000	
(b) Main trunking contract		(4 287 000)

45. Additional requirements totalling $8,601,000 for transport and freight costs ($1,213,000) and contractual costs for operation of trunking system ($7,388,000) were partially offset by savings totalling $4,314,000 under equipment ($4,053,000) and spare parts and supplies ($261,000).

9. Other equipment	1 984 900

46. Savings totalling $5,117,800 under office equipment ($3,011,700), observation equipment ($305,500), petrol tank plus metering equipment ($1,505,600) and medical equipment ($295,000) were partially offset by additional requirements totalling $3,132,900 under office furniture ($813,700), data-processing equipment ($649,300), generators ($874,100), miscellaneous equipment ($352,700) and parts and repair of equipment ($443,100).

47. The savings under office equipment ($3,011,700) and observation equipment ($305,500) were due to the delayed arrival of personnel.

48. Resources for petrol tank plus metering equipment were not utilized since most fuel tank requirements were supplied through contractual arrangements.

49. The savings under medical equipment ($295,000) were due to the lower than estimated cost of basic equipment required for the establishment of the 17 first-aid stations.

50. The additional requirements for office furniture ($813,700) were due to the need to furnish the extra office locations leased.

51. The requirements for electronic data-processing equipment and software were higher than originally estimated.

52. Because of the inadequacy of local utility services, the requirements for generators were higher than anticipated.

53. The over-expenditure of $352,700 under miscellaneous equipment was due to the acquisition of additional water purification equipment. The additional requirements of $443,100 under parts and repair of equipment were due to the need to maintain larger numbers of generators and water purification equipment.

10. Supplies and services

(a)	Miscellaneous services	2 704 200

54. Savings totalling $2,718,700 under audit services ($100,000), contractual services ($617,600), security services and supplies ($1,062,100), medical treatment and services ($329,300), claims and adjustments ($498,300) and miscellaneous other services ($111,400) were partly offset by additional requirements of $14,500 under maintenance services.

(b)	Miscellaneous supplies	5 255 300

55. Savings totalling $7,128,100 under sanitation and cleaning materials ($222,900), subscriptions ($266,200), ballistic protective blankets for vehicles ($4,925,000), uniform items, flags and decals ($826,500), field defence stores ($570,100), operational maps ($117,400) and miscellaneous supplies ($200,000) were partially offset by additional requirements totalling $1,872,800 for stationery and office supplies ($818,500), medical supplies ($769,100) and quartermaster and general stores ($285,200).

11. Election-related supplies and services ..... (1 020 100)

56. Additional requirements totalling $4,396,700 for standard kits for registration teams ($3,463,700) and election-related contractual services ($933,000) were partially offset by savings of $3,376,600 under various election materials.

57. The additional requirements for standard kits for registration teams ($3,463,700) were due to the higher than estimated cost for the acquisition of standard equipment kits. While provision had been made in the original estimates for the acquisition of the kits in the amount of $3,255,000, the contract negotiated with the supplier amounted to $5,991,718, which included the provision of tamper-proof registration cards. However, since the contract did not include the provision of tape recorders, batteries and cassettes with the kits as originally anticipated, additional costs were incurred for the acquisition of these items.

58. The additional requirements for election-related contractual services ($933,000) were due to the higher than estimated cost for the development and implementation of a computerized electoral programme.

59. The savings under various election materials ($3,376,600) were partly due to the non-acquisition of miscellaneous custom-printed election forms, stationery and other supplies for the 800 registration teams since tamper-proof registration cards were provided with the standard kits mentioned in paragraph 56 above.

12. Public information programmes 3 977 700

60. Savings totalling $3,977,700 under equipment ($2,468,000), materials and supplies ($158,700) and contractual services ($1,351,000) were due to lower than estimated costs for these items.

13. Training programmes 1 014 700

61. Savings totalling $1,014,700 were due to the delay in the deployment of staff. The lower requirement for consultants, training materials and equipment also contributed to the savings.

14. Mine-clearing programmes 4 030 000

62. Savings of $4,650,200 under supplies, services and operating costs were partially offset by additional requirements amounting to $620,200 for the acquisition of mine-clearing equipment.

15. Assistance to factions 11 656 300

63. Savings amounting to $3,522,700 for rehabilitation/ reintegration assistance to the demobilized military forces were due to fewer soldiers in cantonment sites and shorter periods of cantonment than originally anticipated.

64. Savings amounting to $8,133,600 for the provision of food to the forces of the Cambodian parties, including transportation and distribution, were due to the lower than estimated daily cost of rations. While the cost of rations was originally estimated at $0.57 per day, the current cost of the rations provided by the World Food Programme under special arrangements with UNTAC is $0.38 per day, including transportation. Other factors responsible for the reduced requirement for rations are mentioned in paragraph 63 above.

16. Air and surface freight 26 758 800

65. Savings totalling $28,078,800 for military airlift ($25,336,000) and commercial freight and cartage ($2,742,800) were partially offset by additional requirements for transport of contingent-owned equipment ($1,320,000).

17. Support account for peace-keeping operations ..... -

66. The amount authorized has been transferred to the support account for peace-keeping operations.

18. Integrated Management Information System ..... -

67. No provision had been made for this item for this period.

19. Staff assessment 1 404 800

68. Savings were derived from the delayed deployment of international and local staff in the mission area.

20. Income from staff assessment ..... (1 404 800)

69. This item is based on item 19 above.

ANNEX III

United Nations Advance Mission in Cambodia and United Nations Transitional Authority in Cambodia

Revised apportionment for the period from 1 November 1991 to 31 October 1992 and cost estimates for the period from 1 November 1992 to 31 July 1993

Summary statement

(Thousands of United States dollars)

	Revised apportionment 1 November 1991 to 31 October 1992 (1)	Cost estimates 1 November 1992 to 30 April 1993 (2)	Cost estimates 1 May to 31 July 1993 (3)	Total (1)+(2)+(3)
1. Military personnel costs				
(a) Military observers	25 204.1	24 092.9	12 246.1	61 543.1
Subsistence allowance	2 440.4	1 170.0	1 192.1	4 802.5
Travel costs	131.2	69.0	51.0	251.2
Clothing and equipment allowance				
Subtotal	27 775.7	25 331.9	13 489.2	66 596.8
(b) Military contingent				
Standard troop cost reimbursement	82 052.1	100 732.7	27 877.2	210 662.0
Welfare	816.0	2 038.8	740.0	3 594.8
Rations	26 372.3	40 505.0	15 921.7	82 799.0
Daily allowance	2 778.1	3 531.3	1 395.1	7 704.5
Travel costs	13 101.4	19 531.5	13 195.0	45 827.9
Subtotal	125 119.9	166 339.3	59 139.0	350 588.2

/...

	Revised apportionment 1 November 1991 to 31 October 1992 (1)	Cost estimates 1 November 1992 to 30 April 1993 (2)	Cost estimates 1 May to 31 July 1993 (3)	Total (1)+(2)+(3)
(c) Other costs pertaining to contingents				
Death and disability compensation	5 000.0	5 000.0	5 000.0	15 000.0
Contingent-owned equipment	16 220.0	15 000.0	14 000.0	45 220.0
Subtotal	21 220.0	20 000.0	19 000.0	60 220.0
2. Civilian personnel costs				
(a) Civilian police				
Mission subsistence allowance	50 130.3	83 985.0	42 228.0	176 343.3
Travel	5 324.7	3 900.0	4 680.0	13 904.7
Clothing allowance	400.4	363.0	148.0	911.4
Subtotal	55 855.4	88 248.0	47 056.0	191 159.4
(b) International and local staff				
International staff salaries	13 834.4	30 670.9	12 016.0	56 521.3
Local staff salaries	1 630.0	15 581.9	11 488.8	28 700.7
Common staff costs	6 452.8	16 359.8	7 417.6	30 230.2
Mission subsistence allowance	16 506.6	28 432.5	13 949.4	58 888.5
Travel	5 031.9	2 729.5	6 503.1	14 264.5
Overtime	71.4	1 000.0	75.0	1 146.4
Subtotal	43 527.1	94 774.6	51 449.9	189 751.6
(c) United Nations Volunteers	7 311.8	6 632.4	4 007.2	17 951.4

	Revised apportionment 1 November 1991 to 31 October 1992 (1)	Cost estimates 1 November 1992 to 30 April 1993 (2)	Cost estimates 1 May to 31 July 1993 (3)	Total (1)+(2)+(3)
3. Premises/accommodation				
(a) Rental of premises	6 421.4	3 888.3	1 684.9	11 994.6
(b) Maintenance and alteration of premises	2 763.6	1 415.0	707.5	4 886.1
(c) Utilities	688.0	900.0	225.0	1 813.0
(d) Prefabricated units	96 202.0	21 397.4	5 000.0	122 599.4
Subtotal	106 075.0	27 600.7	7 617.4	141 293.1
4. Infrastructure repairs	12 224.3	11 140.9	5 196.0	28 561.2
5. Transport operations				
(a) Purchase of vehicles	71 573.9	11 757.0	0.0	83 330.9
(b) Rental of vehicles	248.7	300.0	200.0	748.7
(c) Workshop equipment	310.6	400.0	20.0	730.6
(d) Spare parts, repairs and maintenance	8 328.2	6 350.0	3 176.0	17 854.2
(e) Petrol, oil and lubricants	4 269.8	5 400.0	4 500.0	14 169.8
(f) Vehicle insurance	609.4	741.7	370.8	1 721.9
Subtotal	85 340.6	24 948.7	8 266.8	118 556.1
6. Air operations				
(a) Helicopters				
Hire/charter costs	18 045.5	32 682.0	13 433.4	64 160.9
Aviation fuel and lubricants	3 999.8	4 833.4	2 416.6	11 249.8
Subtotal	22 045.3	37 515.4	15 850.0	75 410.7

		Revised apportionment 1 November 1991 to 31 October 1992 (1)	Cost estimates 1 November 1992 to 30 April 1993 (2)	Cost estimates 1 May to 31 July 1993 (3)	Total (1)+(2)+(3)
(b)	Fixed-wing aircraft				
	Hire/charter costs	6 195.1	7 003.0	4 434.0	17 632.1
	Aviation fuel and lubricants	1 858.6	2 282.7	1 351.3	5 492.6
	Subtotal	8 053.7	9 285.7	5 785.3	23 124.7
(c)	Air crew subsistence allowance	1 300.0	1 560.0	780.0	3 640.0
(d)	Other air operations costs				
	Air traffic control services	10 812.3	2 214.6	0.0	13 026.9
	Landing fees and ground handling	557.0	1 125.0	562.5	2 244.5
	Liability insurance	15.0	70.0	0.0	85.0
	Fuel storage container	250.0	0.0	0.0	250.0
	Subtotal	11 634.3	3 409.6	562.5	15 606.4
7.	Naval operations				
(a)	Preparation costs	347.2	1 020.8	0.0	1 368.0
(b)	Fuel	1 294.5	5 498.2	2 671.0	9 463.7
(c)	Maintenance costs	1 022.0	6 990.0	3 495.0	11 507.0
(d)	Rental of landing-craft	21.0	3 030.0	1 445.0	4 496.0
	Subtotal	2 684.7	16 539.0	7 611.0	26 834.7

	Revised apportionment 1 November 1991 to 31 October 1992 (1)	Cost estimates 1 November 1992 to 30 April 1993 (2)	Cost estimates 1 May to 31 July 1993 (3)	Total (1)+(2)+(3)
8. Communications				
(a) Complementary communication				
Communications equipment	16 073.0	3 306.4	0.0	19 379.4
Spare parts and supplies	1 633.6	1 000.0	380.0	3 013.6
Workshop and test equipment	381.1	2 200.0	0.0	2 581.1
Commercial communications	5 638.6	2 254.0	413.0	8 305.6
Subtotal	23 726.3	8 760.4	793.0	33 279.7
(b) Main trunking contract				
Equipment	15 447.0	0.0	0.0	15 447.0
Spare parts and supplies	1 739.0	0.0	0.0	1 739.0
Transport and freight costs	3 213.0	0.0	0.0	3 213.0
Contractual costs for operation of trunking system	9 888.0	650.0	350.0	10 888.0
Subtotal	30 287.0	650.0	350.0	31 287.0
9. Other equipment				
(a) Office furniture	3 529.0	1 800.0	600.0	5 929.0
(b) Office equipment	2 988.3	2 500.0	1 250.0	6 738.3
(c) Observation equipment	194.5	1 258.0	50.0	1 502.5
(d) Data-processing equipment	8 649.3	500.0	0.0	9 149.3
(e) Petrol tank plus metering equipment	594.4	720.0	0.0	1 314.4
(f) Medical equipment	105.0	235.0	75.0	415.0
(g) Generators	11 948.7	243.0	0.0	12 191.7
(h) Miscellaneous equipment	3 203.6	1 500.0	750.0	5 453.6
(i) Parts and repair of equipment	2 190.1	800.0	400.0	3 390.1
Subtotal	33 402.9	9 556.0	3 125.0	46 083.9

	Revised apportionment 1 November 1991 to 31 October 1992 (1)	Cost estimates 1 November 1992 to 30 April 1993 (2)	Cost estimates 1 May to 31 July 1993 (3)	Total (1)+(2)+(3)
10. Supplies and services				
(a) Miscellaneous services				
Audit services	0.0	80.0	40.0	120.0
Contractual services	2 390.0	4 045.5	1 962.9	8 398.4
Security services	137.9	1 400.0	800.0	2 337.9
Medical treatment and services	70.7	600.0	400.0	1 070.7
Maintenance services	314.5	300.0	200.0	814.5
Claims and adjustments	1.7	1 198.3	1 200.0	2 400.0
Miscellaneous other services	190.4	330.0	270.0	790.4
Official hospitality	0.0	20.0	10.0	30.0
Subtotal	3 105.2	7 973.8	4 882.9	15 961.9
(b) Miscellaneous supplies				
Stationery and office supplies	1 818.5	1 800.0	800.0	4 418.5
Medical supplies	3 369.1	3 880.0	1 000.0	8 249.1
Sanitation and cleaning materials	177.1	150.0	75.0	402.1
Subscriptions	33.8	47.5	18.5	99.8
Ballistic protective blankets for vehicles	575.0	287.0	0.0	862.0
Uniform items, flags and decals	673.5	600.0	250.0	1 523.5
Field defence stores	179.0	750.0	225.0	1 154.0
Operational maps	382.6	60.0	10.0	452.6
Quartermaster and general stores	985.2	550.0	250.0	1 785.2
Miscellaneous supplies	641.0	561.9	125.0	1 327.9
Subtotal	8 834.8	8 686.4	2 753.5	20 274.7

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	Revised apportionment 1 November 1991 to 31 October 1992 (1)	Cost estimates 1 November 1992 to 30 April 1993 (2)	Cost estimates 1 May to 31 July 1993 (3)	Total (1)+(2)+(3)
11. Election-related supplies and services				
(a) Standard kits for registration teams	6 463.7	0.0	0.0	6 463.7
(b) Various election materials	623.4	8 017.6	250.0	8 891.0
(c) Election-related contractual services	2 433.0	2 800.0	0.0	5 233.0
Subtotal	9 520.1	10 817.6	250.0	20 587.7
12. Public information programmes				
(a) Equipment	532.0	2 894.0	0.0	3 426.0
(b) Materials and supplies	41.3	125.0	63.5	229.8
(c) Contractual services	149.0	3 215.0	47.5	3 411.5
Subtotal	722.3	6 234.0	111.0	7 067.3
13. Training programmes	190.0	2 398.0	0.0	2 588.0
14. Mine-clearing programmes				
(a) Mine-clearing equipment	2 637.7	722.7	0.0	3 360.4
(b) Supplies, services and operating costs	1 349.8	4 510.0	1 348.7	7 208.5
Subtotal	3 987.5	5 232.7	1 348.7	10 568.9

	Revised apportionment 1 November 1991 to 31 October 1992 (1)	Cost estimates 1 November 1992 to 30 April 1993 (2)	Cost estimates 1 May to 31 July 1993 (3)	Total (1)+(2)+(3)
15. Assistance to factions				
(a) Rehabilitation assistance to the demobilized military forces	1 477.3	5 015.2	2 507.5	9 000.0
(b) Provision of food to the forces of the Cambodian parties, including transportation and distribution	866.4	5 692.0	2 052.0	8 610.4
Subtotal	2 343.7	10 707.2	4 559.5	17 610.4
16. Air and surface freight				
(a) Transport of contingent-owned equipment	16 320.0	5 840.0	13 415.0	35 575.0
(b) Military airlift	4 664.0	1 660.0	3 835.0	10 159.0
(c) Commercial freight and cartage	594.8	910.4	226.5	1 731.7
Subtotal	21 578.8	8 410.4	17 476.5	47 465.7
17. Support account for peace-keeping operations	4 348.9	8 055.8	4 373.2	16 778.0
18. Integrated Management Information System	0.0	300.0	100.0	400.0

		Revised apportionment 1 November 1991 to 31 October 1992 (1)	Cost estimates 1 November 1992 to 30 April 1993 (2)	Cost estimates 1 May to 31 July 1993 (3)	Total (1)+(2)+(3)
19.	Staff assessment	5 000.1	13 152.7	6 017.7	24 170.5
	TOTAL, lines 1-19	677 215.4	633 961.2	291 841.3	1 603 018.0
20.	Income from staff assessment	(5 000.1)	(13 152.7)	(6 017.7)	(24 170.5)
	NET TOTAL	672 215.3	620 808.5	285 823.6	1 578 847.5

ANNEX IV

Cost estimates for the period from 1 November 1992 to 31 July 1993: supplementary information

A. Cost parameters

1. These estimates were calculated, where applicable, on the basis of the cost parameters indicated below.

1. Mission subsistence allowance

2. Budgetary provision is made for the payment of subsistence allowance to both military and international civilian staff. The subsistence rates used throughout these cost estimates are as follows:

(a) $160 per day during the first 30 days upon arrival in the mission area in Cambodia, irrespective of the specific geographical location of the duty station of assignment;

(b) $145 per day from the thirty-first day after arrival in the mission area.

3. A reduced rate of $100 per day will be applied whenever UNTAC personnel are provided with accommodation. In all other cases the rate of $145 per day will apply.

2. Military observers, mine-clearing personnel, naval observers and personnel of the Engineer Planning and Liaison Cell

4. Mission subsistence allowance to military observers, mine-clearing personnel, naval observers and personnel of the Engineer Planning and Liaison Cell is provided for. Clothing and equipment allowance is based on the rate of $200 per person per annum, and travel to and from the mission area is also provided for. No reimbursement is provided to Governments for national salaries and allowances.

3. Other military personnel

5. Reimbursement to Governments is based on the existing standard rates, set by the General Assembly in resolution 45/258 of 3 May 1991 at $988 per person per month for basic pay, all ranks; an additional $291 per person per month for a limited number of specialists; and $70 per person per month for usage factor in respect of personal clothing, gear and equipment, including $5 per person per month for personal weaponry and ammunition.

4. Civilian personnel costs

6. Salaries and staff costs of international staff are net of staff assessment and are based on standard costs for New York for staff in the Professional category and above and the General Service category; and for administrative/technical staff in the Field Service category.

7. Salaries for locally recruited staff are based on the scale currently in effect for Phnom Penh.

8. Civilian police are paid a mission subsistence and clothing allowance at the rates and conditions specified in paragraphs 2 to 4 above. No reimbursement is provided to Governments for national salaries and allowances.

B. Requirements

1. Military personnel costs

(a) Military observers

9. The estimates provide for 483 military observers, 182 mine-clearing personnel, 209 naval observers, 39 personnel of the Engineer Planning and Liaison Cell and 5 military staff officers.

(i) Subsistence allowance

	United States dollars
1 November 1991 to 31 October 1992 revised apportionment	25 204 100
1 November 1992 to 30 April 1993 estimate	24 092 900
1 May to 31 July 1993 estimate	12 246 100

10. Provision is made for the payment of subsistence allowance to each of the personnel listed in paragraph 9 above for every day of service in the mission area. The calculations are based on the subsistence rates indicated in paragraphs 2 and 3 above. The calculations are as follows:

	Person days	Rate $	Cost $
1 November 1992 to 30 April 1993	166 158	145	24 092 900
1 May to 31 July 1993	84 456	145	12 246 100
	250 614		36 339 000

(ii) Travel costs

1 November 1991 to 31 October 1992 revised apportionment	2 440 400
1 November 1992 to 30 April 1993 estimate	1 170 000
1 May to 31 July 1993 estimate	1 192 100

11. Provision is made for the travel of military observers as follows:

Purpose	Number	Rate $	Cost $
Rotation (round-trip travel)	450	2 600	1 170 000
Repatriation (one-way travel)	918	1 300	1 192 100
			2 362 100

(iii) Clothing and equipment allowance

1 November 1991 to 31 October 1992 revised apportionment	131 200
1 November 1992 to 30 April 1993 estimate	69 000
1 May to 31 July 1993 estimate	51 000

12. Provision is made for the payment of a clothing allowance at the rate of $200 per annum per military personnel mentioned in paragraph 4 above.

(b) Military contingent

(i) Standard troop cost reimbursement

1 November 1991 to 31 October 1992 revised apportionment	82 052 100
1 November 1992 to 30 April 1993 estimate	100 732 700
1 May to 31 July 1993 estimate	27 877 200

13. Provision is made for reimbursement to troop-contributing Governments for military personnel provided to UNTAC for some 91,452 troop months for the six-month period from 1 November 1992 to 30 April 1993 and for some 35,486 troop months for the three-month period from 1 May to 31 July 1993, at the standard rates specified in paragraph 5 above.

14. The estimates provide for the phasing-out of six infantry battalions in May 1993 and the phasing-out of the rest of the military contingents by July 1993.

(ii) Welfare

1 November 1991 to 31 October 1992 revised apportionment	816 000
1 November 1992 to 30 April 1993 estimate	2 038 800
1 May to 31 July 1993 estimate	740 000

15. Provision is made to pay troops for recreational leave at a rate of $10.50 per day for up to seven days of recreational leave taken during a six-month period of service in the mission area ($989,400). The estimate also provides for other welfare activities ($1,789,400).

(iii) Rations

1 November 1991 to 31 October 1992 revised apportionment	26 372 300
1 November 1992 to 30 April 1993 estimate	40 505 000
1 May to 31 July 1993 estimate	15 921 700

16. Rations have been supplied by vendors and the price varies depending on the area. Some contingents made their own arrangements. The average cost was about $15.00 per person per day. UNTAC is seeking a blanket contract from vendors to undertake all rations supply for 1993. It is expected that the contract price will not exceed $15.00 per person per day.

17. Provision is made to supply food and bottled drinking water for 14,129 troops for the period from 1 November 1992 to 31 May 1993 and for 9,029 troops thereafter ($53,191,755). It is assumed that six battalions will depart on 31 May 1993. Provision is also made for food allowance for the 242 Headquarters staff and 153 military police for the period from 1 November 1992 to 31 July 1993 ($2,588,040). Provision is also made for overlap ($647,010). The calculations are as follows:

	United States dollars
(a) 1 November 1992 to 30 April 1993	
14,129 troops x 181 days x $15 per day	38 360 235
395 staff x 181 x $24 per day	1 715 880
Overlap	428 970
Total	40 505 085
(b) 1 May 1993 to 31 July 1993	
14,129 troops x 31 days x $15 per day	6 569 985
9,029 troops x 61 days x $15 per day	8 261 535
395 staff x 92 days x $24 per day	872 160
Overlap	218 040
Total	15 921 720

(iv) Daily allowance

1 November 1991 to 31 October 1992 revised apportionment	2 778 100
1 November 1992 to 30 April 1993 estimate	3 531 300
1 May to 31 July 1993 estimate	1 395 100

18. A daily allowance of $1.28 per day is payable to 15,242 troops (infantry and logistics battalions) for the varying periods they will be in the mission area. The calculations are as follows:

	Person days	Rate $	Cost $
1 November 1992 to 30 April 1993	2 758 802	1.28	3 531 300
1 May to 31 July 1993	1 089 944	1.28	1 395 100

(v) Travel costs

1 November 1991 to 31 October 1992 revised apportionment	13 101 400
1 November 1992 to 30 April 1993 estimate	19 531 500
1 May to 31 July 1993 estimate	13 195 000

19. Provision is made for the travel of the military contingents as follows:

Purpose	Number	Rate $	Cost $
Rotation (round-trip travel)	14 500	1 330	19 285 000
Repatriation (one-way travel)	14 500	910	13 195 000
Allowance for commercial air travel for compassionate reasons	145	1 700	246 500
			32 726 500

(c) Other costs pertaining to contingents

(i) Death and disability compensation

1 November 1991 to 31 October 1992 revised apportionment	5 000 000
1 November 1992 to 30 April 1993 estimate	5 000 000
1 May to 31 July 1993 estimate	5 000 000

20. Provision is made for the reimbursement to Governments of payments made by them based on national legislation and/or regulations, for death, injury, disability or illness sustained by members of their contingent and attributable to service with UNTAC.

(ii) Contingent-owned equipment

1 November 1991 to 31 October 1992 revised apportionment	16 220 000
1 November 1992 to 30 April 1993 estimate	15 000 000
1 May to 31 July 1993 estimate	14 000 000

21. This estimate provides for payment to troop-contributing Governments of the costs of contingent-owned equipment furnished to their contingents at the request of the United Nations.

2. Civilian personnel costs

(a) Civilian police

22. The implementation plan calls for the provision of a total of 3,600 civilian police.

(i) Mission subsistence allowance

1 November 1991 to 31 October 1992 revised apportionment	50 130 300
1 November 1992 to 30 April 1993 estimate	83 985 000
1 May to 31 July 1993 estimate	42 228 000

23. Provision is made for mission subsistence allowance for 3,600 civilian police officers, taking into account the schedule for the completion of prefabricated accommodation units. The calculations are as follows:

	Person days	Rate $	Cost $
1 November 1992 to 30 April 1993	194 600	100	19 460 000
	445 000	145	64 525 000
			83 985 000
1 May to 30 July 1993	128 800	100	12 880 000
	202 400	145	29 348 000
			42 228 000

(ii) Travel costs

1 November 1991 to 31 October 1992 revised apportionment	5 324 700
1 November 1992 to 30 April 1993 estimate	3 900 000
1 May to 31 July 1993 estimate	4 680 000

24. Provision is made for the travel of civilian police as follows:

Purpose	Number	Rate $	Cost $
Rotation (round-trip travel)	1 500	2 600	3 900 000
Repatriation (one-way travel)	3 600	1 300	4 680 000
			8 580 000

(iii) Clothing allowance

1 November 1991 to 31 October 1992 revised apportionment	400 400
1 November 1992 to 30 April 1993 estimate	363 000
1 May to 31 July 1993 estimate	148 000

25. Provision is made for the payment of a clothing allowance at the rate of $200 per annum per civilian police officer.

(b) International and local staff

26. The original estimates were calculated on the basis of a total of 6,391 staff (1,020 international and 5,371 local). For the period from 1 November 1992, it is proposed that the number of international staff be increased by 207 and the number of local staff be decreased by 2,000. The proposed civilian staffing table is shown in annex VII.

	Number of persons	Person months	Total person months
1 November 1992 to 30 April 1993			
Professional category and above	537	3 199	
General Service and related categories	690	4 020	
Subtotal	1 227	7 219	
Local staff	63 871	92 210	
Interpreters	1 000	1 000	
Total	66 098		100 429
1 May to 31 July 1993			
Professional category	387	1 161	
General Service and related categories	576	1 728	
Subtotal	963	2 889	
Local staff	59 913	62 969	
Interpreters	1 000	1 000	
Total	61 876		66 858
Grand total			167 287

(i) International staff salaries

1 November 1991 to 31 October 1992 revised apportionment	13 834 400
1 November 1992 to 30 April 1993 estimate	30 670 900
1 May to 31 July 1993 estimate	12 016 000

27. The estimate covers net salaries of up to 1,227 international staff for the period from 1 November 1992 to 30 April 1993 ($30,670,900). For the subsequent three-month period, from 1 May to 31 July 1993, the estimate provides net salaries of up to 963 international staff ($12,016,000).

(ii) Local staff salaries

1 November 1991 to 31 October 1992 revised apportionment	1 630 000
1 November 1992 to 30 April 1993 estimate	15 581 900
1 May to 31 July 1993 estimate	11 488 800

28. The related salary and common staff cost estimates for the period from 1 November 1992 to 30 April 1993 provide for net salaries of 63,871 locally recruited staff ($15,306,800) and 1,000 interpreters ($275,000) as detailed in annex VIII.

29. For the subsequent three-month period, from 1 May to 31 July 1993, the net salaries of 59,913 locally recruited staff amount to $11,213,800 while those of 1,000 interpreters amount to $275,000.

(iii) Common staff costs

1 November 1991 to 31 October 1992 revised apportionment	6 452 800
1 November 1992 to 30 April 1993 estimate	16 359 800
1 May to 31 July 1993 estimate	7 417 600

30. The provision covers common staff costs (see annex VIII) for international staff ($19,537,600), local staff ($4,189,900), interpreters ($50,000) and representation allowance to eligible staff at the D-2 level and above.

(iv) Mission subsistence allowance

1 November 1991 to 31 October 1992 revised apportionment	16 506 600
1 November 1992 to 30 April 1993 estimate	28 432 500
1 May to 31 July 1993 estimate	13 949 400

31. Mission subsistence allowance is payable to the international civilian staff assigned to UNTAC based on a total of 226,606 person-days for the period from 1 November 1992 to 30 April 1993 and 112,836 person-days for the period from 1 May to 31 July 1993. It is anticipated that some 450 personnel will be provided with United Nations accommodation. The estimates are based on the subsistence rates indicated in paragraphs 2 and 3 above.

(v) Travel

1 November 1991 to 31 October 1992 revised apportionment	5 031 900
1 November 1992 to 30 April 1993 estimate	2 729 500
1 May to 31 July 1993 estimate	6 503 100

32. Provision is made to cover travel of international staff as follows:

Purpose	Number	Rate $	Cost $
Emplacement of additional international staff (one-way travel)	274	3 600	986 400
Rotation (round-trip travel)	486	7 200	3 499 000
Repatriation (one-way travel)	1 227	3 600	4 417 200
Other official travel (round trip, including daily subsistence allowance)	60	5 500	330 000
Total			9 232 600

(vi) Overtime

1 November 1991 to 31 October 1992 revised apportionment	71 400
1 November 1992 to 30 April 1993 estimate	1 000 000
1 May to 31 July 1993 estimate	75 000

33. Provision is made for overtime which will be extensively required during the registration and election periods.

(c) United Nations Volunteers

1 November 1991 to 31 October 1992 revised apportionment	7 311 800
1 November 1992 to 30 April 1993 estimate	6 632 400
1 May to 31 July 1993 estimate	4 007 200

34. The requirements for the six-month period from 1 November 1992 to 30 April 1993 for the services of United Nations Volunteers are as follows:

(a) Cost parameters

Administrative Unit cost (per annum)	980 000	
Training costs (per annum)	232 400	
Other personnel costs (per annum)	1 100 000	
Plus:		
Individual costs		
(i) Variable costs		
Living allowance	11 425	
Living accommodation	7 200	
Resettlement allowance	1 200	19 825
(Monthly variable cost rate)		(19 825/12 = 1 652)
(ii) Fixed costs		
Settling-in grant	1 500	
Medical and life insurance	1 200	
Assignment and travel	2 750	
Assignment and travel (HQ)	2 750	
Shipment	500	
Subsistence allowance	1 000	
Simple furniture/durable	0	9 700
Total individual costs	29 525	

(b) Cost for November 1992 to April 1993

Variable costs	Number of volunteers	Monthly rate	United States dollars
November 1992	420	1 652	693 840
December 1992	420	1 652	693 840
January 1993	487	1 652	804 524
February 1993	487	1 652	804 524
March 1993	487	1 652	804 524
April 1993	487	1 652	804 524
Total variable costs			4 605 776
Plus:			
Fixed costs ($9,700 - $2,750 x 67)			465 650
Administrative Unit cost, prorated ($980,000 x 6/12)			490 000
Other training cost, prorated ($232,400 x 6/12)			116 200
Other personnel cost, prorated ($1,100,000 x 6/12)			550 000
Subtotal			6 227 626
6.5% programme support cost (6.5% x $6,227 262)			404 796
Total costs, November 1992 to April 1993			6 632 422

(c) Cost for May to July 1993

	Number of volunteers	Monthly rate	United States dollars
May 1993	467	1 652	771 484
June 1993	400	1 652	660 800
July 1993	250	1 652	413 000
Total variable costs			1 845 284
Plus:			
Outward travel of 487 United Nations Volunteers (487 x $2,750)			1 339 250
Administrative Unit cost, prorated ($980,000 x 3/12)			245 000
Other training cost, prorated ($232,400 x 3/12)			58 100
Other personnel cost, prorated ($1,100,000 x 3/12)			275 000
Subtotal			3 762 634
6.5% programme support costs (6.5% x $3,762,634)			244 571
Total costs, May to July 1993			4 007 205

3. Premises/accommodation

(a) Rental of premises

1 November 1991 to 31 October 1992 revised apportionment		6 421 400
1 November 1992 to 30 April 1993 estimate		3 888 300
1 May to 31 July 1993 estimate		1 684 900

35. Provision is made for the rental of some 250 premises for offices, warehouses and workshops. Requirements are as follows:

1 November 1992 to 30 April 1993 ($648,051 x 6 months)		$3 888 306
1 May 1993		648 051
1 June to 31 July 1993 ($518,441 x 2)	1 036 882	$1 684 993

36. The bulk of leases are in support of operations throughout the provinces. Many are in remote locations for offices for military observers, civilian police, civil administration staff and signal officers.

(b) Maintenance and alteration of premises

1 November 1991 to 31 October 1992 revised apportionment	2 763 600
1 November 1992 to 30 April 1993 estimate	1 415 000
1 May to 31 July 1993 estimate	707 500

37. For the period from 1 November 1992 to 30 April 1993, provision is made for the repair and alteration of local government offices, leased premises in 150 district locations, and existing facilities in Phnom Penh such as Pochentong airport, transport workshop, UNTAC headquarters, annex, communications, warehouses, motor pool, field hospital and other UNTAC facilities ($1,415,000). For the subsequent three-month period, provision is made for the continued maintenance of the above-mentioned premises ($707,500).

(c) Utilities

1 November 1991 to 31 October 1992 revised apportionment	688 000
1 November 1992 to 30 April 1993 estimate	900 000
1 May to 31 July 1993 estimate	225 000

38. Provision is made for water and electricity charges as well as fuel for generators at all locations throughout the mission area.

(d) Prefabricated units

1 November 1991 to 31 October 1992 revised apportionment	96 202 000
1 November 1992 to 30 April 1993 estimate	21 397 400
1 May to 31 July 1993 estimate	5 000 000

39. Provision is made for the costs associated with the construction of prefabricated accommodation units as follows:

	United States dollars
In-country movement	125 000
Site preparation	369 010
Instalment payment on the contract with Commercial Contracting Establishment	903 444
Total	1 397 454

40. In addition, provision is made for the complete upgrade of the living accommodations of the infantry battalions ($8,700,000), the logistics and support units ($3,600,000) and installation of security lighting to all military unit areas ($950,000).

41. Provision is also made for temporary accommodations for military units who may be relocated to support the election process ($1,850,000), materials for the construction of bunkers in military unit areas ($2,450,000), and other materials such as concertina barbed wire, sandbags and pickets for security of military unit areas ($2,450,000).

42. Provision is also made for dismantling the camps at the end of the mandate ($3,200,000) and for site clean-up and environmental restoration ($1,800,000).

4. Infrastructure repairs

1 November 1991 to 31 October 1992 revised apportionment	12 224 300
1 November 1992 to 30 April 1993 estimate	11 140 900
1 May to 31 July 1993 estimate	5 196 000

43. Provision is made for road, airstrip, bridge, railways and port repairs, including:

(a) Road repairs ($3,693,900);

(b) Upgrading of the Stung Treng airfield ($4,500,000);

(c) Repair of Battambang and Kompong Chnnang airstrips ($1,500,000);

(d) Other repairs of airports and helipads ($220,000);

(e) Repair and replace damaged old bridges and reinforcement of poorly maintained bridges ($4,423,000);

(f) Repair of railways and railway bridges ($1,500,000);

(g) Repair work at Sihanoukville consisting of upgrading port facilities and access roads, and enhancement of security conditions within and outside the facilities ($500,000).

5. Transport operations

(a) Purchase of vehicles

1 November 1991 to 31 October 1992 revised apportionment	71 573 900
1 November 1992 to 30 April 1993 estimate	11 757 000
1 May to 31 July 1993 estimate	-

44. Provision is made for the acquisition of 2,318 additional vehicles as shown below.

Description	Quantity	Unit cost	Total cost
Motorcycles	1 465	1 400.00	2 051 000.00
Trailer, water	93	2 800.00	260 400.00
Bus, heavy	10	140 000.00	1 400 000.00
Minibus	750	9 302.34	6 976 755.00
Total	2 318		10 688 155.00
Plus: Freight (10% of total value)			1 068 815.50
Total			11 756 970.50

(b) Rental of vehicles

1 November 1991 to 31 October 1992 revised apportionment	248 700
1 November 1992 to 30 April 1993 estimate	300 000
1 May to 31 July 1993 estimate	200 000

45. Provision is made for the rental of buses, forklifts and cranes as well as vehicles that will be required for UNTAC offices in Bangkok, Singapore and Malaysia. During the election period, 100 rented vehicles for a period of one month will be required.

(c) Workshop equipment

1 November 1991 to 31 October 1992 revised apportionment	310 600
1 November 1992 to 30 April 1993 estimate	400 000
1 May to 31 July 1993 estimate	20 000

46. Provision is made for the acquisition of tools and equipment for the garage facilities in Phnom Penh and seven other locations: Battambang, Siem Reap, Kratie, Stung Treng, Kompong Cham, Kompong Thom and Sihanoukville. It was necessary to establish garage facilities in the provinces, owing to the inability of the manufacturers that supply the vehicles to UNTAC to set up their own workshops in those provinces.

(d) Spare parts, repairs and maintenance

1 November 1991 to 31 October 1992 revised apportionment	8 328 200
1 November 1992 to 30 April 1993 estimate	6 350 000
1 May to 31 July 1993 estimate	3 176 000

47. Provision in the amount of $3,000,000 is made for spare parts and maintenance repairs of a mixed fleet of civilian-pattern vehicles from various manufacturers, as shown below:

Manufacturer	Estimated number of vehicles
Company A	2 500
Company B	990
Company C	2 200
Other make vehicles and motorcycles	2 745

48. In addition, provision is made for spare parts required for 3,218 contingent-owned vehicles ($6,526,000). Annex XIV provides details on the estimated requirements.

(e) Petrol, oil and lubricants

1 November 1991 to 31 October 1992 revised apportionment	4 269 800
1 November 1992 to 30 April 1993 estimate	5 400 000
1 May to 31 July 1993 estimate	4 500 000

49. The cost of petrol, oil and lubricants is estimated on the basis of all vehicles travelling an average of 46 miles per day. It is, however, anticipated that during the registration process, the daily average for UNTAC vehicles would approximate, or even exceed, 75 miles per day.

(f) Vehicle insurance

1 November 1991 to 31 October 1992 revised apportionment	609 400
1 November 1992 to 30 April 1993 estimate	741 700
1 May to 31 July 1993 estimate	370 800

50. The cost of third-party vehicle insurance is estimated at an average cost of $150 per vehicle.

6. Air operations

51. Annex XXII provides details on the number of helicopters and fixed-wing aircraft required for the period from March 1992 to July 1993.

(a) Helicopters

(i) Hire/charter cost:

1 November 1991 to 31 October 1992 revised apportionment	18 045 500
1 November 1992 to 30 April 1993 estimate	32 682 000
1 May to 31 July 1993 estimate	13 433 400

52. Provision is made for the commercial hiring of eight heavy transport helicopters for the period from 1 November 1992 to 31 January 1993 ($13,929,900), and a reduction to four heavy transport helicopters for the period from 1 February to 31 July 1993 ($14,639,700). It is anticipated that airports will be reopened during this period, at which time heavier payloads will be taken over by fixed-wing aircraft.

53. Provision is also made for the continued charter of 20 medium helicopters through 31 July 1993 ($11,755,800).

54. In addition, provision is made for the hiring of six utility tactical transport helicopters and six light observation helicopters for the period from 1 November to 31 December 1992, and three of each type for the period from 1 January to 31 March 1993 ($2,985,000). For the period from 1 April to 30 June 1993, the requirements would be for six of each type, and three of each type for the month of July 1993 ($2,805,000).

55. Calculations are based on monthly charter costs of $530,000 for the heavy transport helicopters, $57,000 for the medium transport helicopters, $75,000 for the utility tactical helicopters and $50,000 for the light observation helicopters. The monthly rental charges include a minimum of 75 flight hours for each helicopter. No provision is made for the costs of six utility helicopters provided by the Government of France as a voluntary contribution.

56. Annex XV provides details on contract charges for helicopters.

(ii) Aviation fuel and lubricants

1 November 1991 to 31 October 1992 revised apportionment	3 999 800
1 November 1992 to 30 April 1993 estimate	4 833 400
1 May to 31 July 1993 estimate	2 416 600

57. The estimates for the period from 1 November 1992 to 31 July 1993 set out below are based on $0.35 per litre and on consumption of 1,769 and 520 litres per hour, respectively, for heavy and medium transport helicopters, 450 and 230 litres per hour, respectively, for the two types of utility helicopter, and 165 litres per hour for the light observation helicopter, all flying a minimum of 75 hours per month each ($7,250,000).

	United States dollars	
Heavy transport (MI-26)		
8 x (1,769 litres x 75 hours x 3 months x $0.35 per litre)	1 114 470.00	(Nov. 1992-June 1993)
4 x (1,769 litres x 75 hours x 6 months x $0.35 per litre)	1 114 470.00	(Feb. 1993-July 1993)
Subtotal	2 228 940.00	
Medium transport (MI-17)		
20 x (520 litres x 75 hours x 9 months x $0.35 per litre)	2 457 000.00	(Nov. 1992-July 1993)
Utility, type A (AS-300)		
6 x (450 litres x 75 hours x 9 months x $0.35 per litre)	637 875.00	(Nov. 1992-July 1993)
Utility, type B (B-212)		
6 x (230 litres x 75 hours x 2 months x $0.35 per litre)	72 450.00	(Nov. 1992-Dec. 1992)
3 x (230 litres x 75 hours x 3 months x $0.35 per litre)	54 337.50	(Jan. 1993-Mar. 1993)
6 x (230 litres x 75 hours x 3 months x $0.35 per litre)	108 675.00	(Apr. 1993-June 1993)
3 x (230 litres x 75 hours x 1 month x $0.35 per litre)	18 112.50	(July 1993)
Subtotal	253 575.00	

	United States dollars	
Light observation (B-206)		
6 x (165 litres x 75 hours x 2 months x $0.35 per litre)	51 975.00	(Nov. 1992-Dec. 1992)
3 x (165 litres x 75 hours x 3 months x $0.35 per litre)	38 981.25	(Jan. 1993-Mar. 1993)
6 x (165 litres x 75 hours x 3 months x $0.35 per litre)	77 962.50	(Apr. 1993-June 1993)
3 x (165 litres x 75 hours x 1 month x $0.35 per litre)	12 993.75	(July 1993)
Subtotal	181 912.50	
Lubrication	1 490 700.00	
Total	7 250 000.00	

(b) Fixed-wing aircraft

(i) Hire/charter costs

1 November 1991 to 31 October 1992 revised apportionment	6 195 100
1 November 1992 to 30 April 1993 estimate	7 003 000
1 May to 31 July 1993 estimate	4 434 000

58. Provision is made for the continued hiring of two heavy transport aircraft for the period from 1 November 1992 to 31 January 1993 ($2,100,000) at which point the number may increase to four heavy transport aircraft, or a mix of medium and heavy transport aircraft. Provision is made for the continued charter of four heavy transport aircraft from 1 February to 31 July 1993 ($8,635,000).

59. Provision is made for the continued charter of the same communication and liaison aircraft to 31 July 1993 ($702,000).

60. No provision is made for the costs of three C-160 medium transport aircraft provided by the Government of France as a voluntary contribution. Costs shown are based on a monthly charge of $350,000 for the heavy aircraft and $78,000 for the communications and liaison aircraft.

61. Annex XVI provides details on the contract charges for fixed-wing aircraft.

(ii) Aviation fuel and lubricants

1 November 1991 to 31 October 1992 revised apportionment	1 858 600
1 November 1992 to 30 April 1993 estimate	2 282 700
1 May to 31 July 1993 estimate	1 351 300

62. The estimates for the period from 1 November 1992 to 31 July 1993 set out below are based on $0.35 per litre and consumption rates of 2,000, 1,120 and 240 litres per hour, respectively, for heavy, medium and light aircraft, flying at a rate of 100 hours per month ($3,634,000). Lubricants are estimated at $400,000.

	United States dollars	
Heavy transport (C-130)		
2 x (2,000 litres x 100 hours x 3 months x $0.35 per litre)	420 000.00	(Nov. 1992-Jan. 1993)
4 x (2,000 litres x 100 hours x 6 months x $0.35 per litre)	1 680 000.00	(Feb. 1993-July 1993)
	2 100 000.00	
Medium transport (C-160)		
3 x (1,120 litres x 100 hours x 9 months x $0.35 per litre)	1 058 400.00	(Nov. 1992-July 1993)
Light aircraft (B-200)		
1 x (240 litres x 100 hours x 9 months x $0.35 per litre)	75 600.00	(Nov. 1992-July 1993)
Lubricants and oil	400 000.00	
Total	3 634 000.00	

(c) Air crew subsistence allowance

1 November 1991 to 31 October 1992 revised apportionment	1 300 000
1 November 1992 to 30 April 1993 estimate	1 560 000
1 May to 31 July 1993 estimate	780 000

63. The military crews for the Puma utility helicopters and medium transport aircraft (C-160) are administered by the French Air Unit. Their expenses are covered, whether in Phnom Penh, or on overnight missions, by that Unit, on the basis of actual receipts submitted. The crews for the Netherlands F-27 (18 persons) are accommodated at U-Tapao, where UNTAC pays for room accommodation and provides each crew member with an allowance of $30 per day for meals and incidentals.

64. The light aircraft (B-200) has a crew of three, reaching five during handover every three months. The contract calls for UNTAC to provide the crew with accommodation and meals while outside Phnom Penh. Subsistence allowance applicable to airport location is payable to the crew members when an overnight stay is required.

65. The heavy transport aircraft (L-100) have a total crew of 28, all based at U-Tapao. UNTAC pays the costs of accommodation and $30 per day per person

for meals and incidentals. In cases where overnight stops are required, applicable subsistence allowance is paid. The contracts require UNTAC to pay accommodation and meals wherever the aircraft are located.

66. The medium transport helicopters (MI-17) have a total crew of 129, including project management staff, 51 of whom are outposted. As prefabricated units and other United Nations accommodations become available, the crew will occupy those units. In the meantime, the costs of hotel or rented accommodation are paid for by UNTAC and each crew member is paid $30 per day for meals and incidentals, except in Phnom Penh, where the contractor is responsible for those costs.

67. The heavy transport helicopters (MI-26) have a total crew of 88, including project management staff, 11 of whom are outposted. Currently, UNTAC bears the costs of hotel or rented accommodation for outposted individuals and pays an allowance of $30 per day for meals and incidentals.

(d) Other air operations costs

(i) Air traffic control services and equipment

1 November 1991 to 31 October 1992 revised apportionment	10 812 300
1 November 1992 to 30 April 1993 estimate	2 214 600
1 May to 31 July 1993 estimate	-

68. Provision is made for the purchase of air traffic control equipment, runway aids, navigation aids and ground power units. In addition, provision is made for refuelling services at airports throughout Cambodia.

69. Annex XI provides a summary of estimated expenditure in respect of air traffic control equipment and airfield services.

(ii) Landing fees and ground handling

1 November 1991 to 31 October 1992 revised apportionment	557 000
1 November 1992 to 30 April 1993 estimate	1 125 000
1 May to 31 July 1993 estimate	562 500

70. Provision is made for landing fees and ground handling on the basis of $2,500 per landing, at approximately 75 landings per month at airports outside Cambodia ($1,687,500).

(iii) Liability insurance

1 November 1991 to 31 October 1992 revised apportionment	15 000
1 November 1992 to 30 April 1993 estimate	70 000
1 May to 31 July 1993 estimate	-

71. Provision is made for third-party liability insurance on military aircraft provided to UNTAC on the basis of $5,000 per year per aircraft.

(iv) Fuel storage container

1 November 1991 to 31 October 1992 revised apportionment	250 000
1 November 1992 to 30 April 1993 estimate	-
1 May to 31 July 1993 estimate	-

72. There are no additional requirements under this heading.

7. Naval operations

(a) Preparation costs

1 November 1991 to 31 October 1992 revised apportionment	347 200
1 November 1992 to 30 April 1993 estimate	1 020 800
1 May to 31 July 1993 estimate	-

73. Provision is made for preparation costs required to bring the vessels into full operational capacity. In addition, preparation costs will be incurred in respect of the 38 vessels which will be progressively handed over to UNTAC by the local authorities.

74. In addition, provision is made for the acquisition of 50 rigid inflatable boats at $15,500 per boat ($775,000) for use by the naval element and the civilian police. Safety equipment, including life jackets and vests, flares and fire extinguishers will be required for all vessels, including rented ones ($245,800).

(b) Fuel

1 November 1991 to 31 October 1992 revised apportionment	1 294 500
1 November 1992 to 30 April 1993 estimate	5 498 200
1 May to 31 July 1993 estimate	2 671 000

75. Fuel requirements are based on an estimated daily requirement for all vessels (25 Cambodian vessels and the 50 rigid inflatable boats mentioned in paragraph 74 above; 150 rented small boats and the 8 landing-craft mentioned in paragraph 77 below).

(c) Maintenance costs

1 November 1991 to 31 October 1992 revised apportionment	1 022 000
1 November 1992 to 30 April 1993 estimate	6 990 000
1 May to 31 July 1993 estimate	3 495 000

76. Provision is made for the repair and maintenance of the vessels mentioned in paragraph 75 above.

(d) Rental of landing-craft

1 November 1991 to 31 October 1992 revised apportionment	21 000
1 November 1992 to 30 April 1993 estimate	3 030 000
1 May to 31 July 1993 estimate	1 445 000

77. The leasing of eight landing-craft from November 1992 to July 1993 is required at $50,000 per month per craft ($3,600,000). For the registration and election periods, the original proposals did not foresee the requirement for boats to transport electoral personnel and other civilian personnel, including the civilian police escorts, throughout the country to districts and villages that are only accessible by water. Small boats will have to be leased for this purpose at $700 per boat per month ($875,000).

8. Communications

(a) Complementary communication

(i) Communications equipment

1 November 1991 to 31 October 1992 revised apportionment	16 073 000
1 November 1992 to 30 April 1993 estimate	3 306 400
1 May to 31 July 1993 estimate	-

78. Provision is made for the acquisition of the following communications equipment:

	United States dollars
VHF radio system	
Mobile/vehicular sets	2 719 900
Antennas for base station	66 000
Masts	135 000
HF radio system	
5-kVA uninterruptible power supply requirement	385 500
Total	3 306 400

(ii) Spare parts and supplies

1 November 1991 to 31 October 1992 revised apportionment	1 633 600
1 November 1992 to 30 April 1993 estimate	1 000 000
1 May to 31 July 1993 estimate	380 000

79. Provision is made for the purchase of communications spare parts and supplies as follows:

	United States dollars
Exicom rural telephone spares and accessories	110 000
Cables heliax and connectors	140 000
Inmarsat spares for 27 units	100 000
Mobile telephone system spares	35 000
Codan Marine/Micom HF Motorola spares	40 000
Rigging spares for towers and masts	40 000
Lightning protection equipment, rods etc.	80 000
Switchboard spares	35 000
Telephone cabling connectors, terminations, etc.	200 000
High capacity batteries for 600 base stations	200 000
Cryptofax repairs and spare parts	80 000
Spares for converters, inverters, uninterruptible power supply systems	40 000
Intelsat spares	280 000
Total	1 380 000

(iii) Workshop and test equipment

1 November 1991 to 31 October 1992 revised apportionment	381 100
1 November 1992 to 30 April 1993 estimate	2 200 000
1 May to 31 July 1993 estimate	-

80. Provision is made for the acquisition of equipment, as set out below.

General communication test equipment 310 000

The test equipment and workshop supplies are required for the following equipment: Exicom rural telephones, Micom HF transceivers, Codan Marine HF transceivers, switchboard equipment, facsimile, photocopier units.

Satellite earth station test equipment (Intelsat) 290 000

The order for a considerable amount of test equipment has been held in abeyance, pending the purchase of the Intelsat earth station, for which specialized test equipment will be required.

Battambang workshops test equipment 600 000

The Battambang workshops have yet to be established and a considerable amount of workshop tools and equipment for the following workshops will be required: generator workshops, electrical workshops, air-conditioning workshops, special equipment workshops, radio workshops.

Additionally, the newly completed workshops in Phnom Penh have yet to be fully furnished with test equipment and workshop accessories, many of which are of a specialized nature.

Supplementary test equipment 800 000

To augment the Overseas Telecommunication Corporation (OTC) and the complementary communications projects, it is estimated that some 60 civilian technicians, inclusive of United Nations Volunteers plus up to 100 military technicians will have to be provided with specialized tools, hardware, test equipment, meters and general workshop tools. This will allow generator, electrical, air-conditioning, special equipment, rigging and communications personnel to maintain and service equipment at over 250 different locations.

Calibration charges for test equipment 200 000

All test equipment must be calibrated every six months; in this connection, it must be returned to the manufacturer for the correct alignment and calibration.

Total 2 200 000

(iv) Commercial communications

1 November 1991 to 31 October 1992 revised apportionment	5 638 600
1 November 1992 to 30 April 1993 estimate	2 254 000
1 May to 31 July 1993 estimate	413 000

81. Provision is made for the cost of international local and mobile telephone services as follows:

	United States dollars
Australian field communications unit-Inmarsat	nil
UNTAC-owned Inmarsats	1 080 000
UNTAC radio room Inmarsats	150 000
Mobile telephone bill (international)	194 400
Mobile telephone bill (local)	97 200
International direct dialling lines, UNTAC HQ	467 700
International direct dialling lines outside UNTAC HQ	457 700
New York/Bangkok telephone and facsimile charges	220 000
Total	2 667 000

(b) Main trunking contract

82. There are no additional requirements for equipment, spare parts and supplies and transport and freight costs.

Contractual costs for operation of trunking system

1 November 1991 to 31 October 1992 revised apportionment	9 888 000
1 November 1992 to 30 April 1993 estimate	650 000
1 May to 31 July 1993 estimate	350 000

83. The contract to provide the commercial telecommunications systems for UNTAC which is referred to as Phase IV and V was awarded to OTC International in the amount of $30,287,000. Annex XVII provides the cost breakdown of the contract. The system was estimated to cost $32 million, including spare parts, freight and other contractual costs. Installation of equipment and site preparation is currently in progress and is due to be completed by 23 November 1992, as scheduled under the contract. Unforeseen operational requirements and delays in site preparations have resulted in approximately eight weeks' delay in the complete installation of all equipment under the contract. It will, therefore, be necessary to extend the contract beyond 23 November 1992 for approximately eight weeks to complete installation of communications equipment delivered under the contract. The estimated cost is $650,000.

84. Under the present contract one technician is provided for one year to coordinate and implement the warranty option offered under the contract. In view of the complexity of the nation-wide communications system, and the short experience gained on the system by field service and field communications unit technicians, it will be necessary to retain the services of six OTC technicians to assist with operation and maintenance after the system is handed over to UNTAC. The estimated cost is $350,000.

9. Other equipment

(a) Office furniture

1 November 1991 to 31 October 1992 revised apportionment	3 529 000
1 November 1992 to 30 April 1993 estimate	1 800 000
1 May to 31 July 1993 estimate	600 000

85. Provision is made for the acquisition of office furniture for registration stations and other offices to be set up for the elections.

(b) Office equipment

1 November 1991 to 31 October 1992 revised apportionment	2 988 300
1 November 1992 to 30 April 1993 estimate	2 500 000
1 May to 31 July 1993 estimate	1 250 000

86. Provision is made for the acquisition of office equipment.

(c) Observation equipment

1 November 1991 to 31 October 1992 revised apportionment	194 500
1 November 1992 to 30 April 1993 estimate	1 258 000
1 May to 31 July 1993 estimate	50 000

87. Provision is made for the purchase of 100 units of night observation equipment as well as night observation devices, field binoculars and miscellaneous items.

(d) Data-processing equipment

1 November 1991 to 31 October 1992 revised apportionment	8 649 300
1 November 1992 to 30 April 1993 estimate	500 000
1 May to 31 July 1993 estimate	-

88. Provision is made for the maintenance of hardware, as well as software for electronic data-processing equipment. Provision is also made for software system development.

(e) Petrol tank plus metering equipment

1 November 1991 to 31 October 1992 revised apportionment	594 400
1 November 1992 to 30 April 1993 estimate	720 000
1 May to 31 July 1993 estimate	-

89. Provision is made for the establishment of mass storage, pumping and metering facilities at Phnom Penh, Battambang and Kompong Som and at locations for three of the five logistical support units. In addition, fuel storage facilities for both diesel and gasoline will continue to be required at the units located at the 172 district capitals.

(f) Medical equipment

1 November 1991 to 31 October 1992 revised apportionment	105 000
1 November 1992 to 30 April 1993 estimate	235 000
1 May to 31 July 1993 estimate	75 000

90. Provision is made for the cost of supplementing and/or replacing medical equipment of the two military medical units and the 17 first aid stations.

(g) Generators

91. Annex XXIII provides details on the acquisition of generators.

1 November 1991 to 31 October 1992 revised apportionment	11 948 700
1 November 1992 to 30 April 1993 estimate	243 000
1 May to 31 July 1993 estimate	-

92. Provision is made for the purchase of 250 two-kVA portable generators to be carried by election teams with their camping gear. These portable generators will also be required to provide power for the laminating machines that will be carried by the teams during the registration period.

(h) Miscellaneous equipment

1 November 1991 to 31 October 1992 revised apportionment	3 203 600
1 November 1992 to 30 April 1993 estimate	1 500 000
1 May to 31 July 1993 estimate	750 000

93. The cost estimate provides for fire-fighting equipment, including fire extinguishers for vehicles, fogging machines for insect/pest control, water purification equipment, including water pumps, filters etc., cleaning equipment, security and safety equipment and assorted tools and equipment for building maintenance, tentage, worn and damaged items and contingencies.

(i) Parts and repair of equipment

1 November 1991 to 31 October 1992 revised apportionment	2 190 100
1 November 1992 to 30 April 1993 estimate	800 000
1 May to 31 July 1993 estimate	400 000

94. Provision is made for the contractual maintenance of generators, including electrical and mechanical installation, maintenance, repair, operation and maintenance training for UNTAC generator installations in Cambodia ($1,168,980). Provision is also made for parts for generators and water purification equipment ($31,020).

10. Supplies and services

(a) Miscellaneous services

(i) Audit services

1 November 1991 to 31 October 1992 revised apportionment	-
1 November 1992 to 30 April 1993 estimate	80 000
1 May to 31 July 1993 estimate	40 000

95. A provision is made for external audit services for the period.

(ii) Contractual services

1 November 1991 to 31 October 1992 revised apportionment	2 390 000
1 November 1992 to 30 April 1993 estimate	4 045 500
1 May to 31 July 1993 estimate	1 962 900

96. Provision is made for the hiring of an additional 179 United Nations Volunteers ($5,131,930) to perform the functions described below in lieu of utilizing commercial contractual services. Annex XX provides details relating to this requirement.

(a) There will be a need for camp managers, tradesmen and other service personnel, who will be responsible for the maintenance of the prefabricated units allocated to provincial offices and the 250 eight-man and four-man camps for the district offices. In addition, maintenance services would be required for the generators and water purification equipment that will accompany the prefabricated units;

(b) There will be a need for vehicle maintenance and workshop personnel who would service some 5,685 civilian pattern vehicles and some 2,670 contingent-owned vehicles;

(c) Office equipment such as photocopiers, facsimile machines, air-conditioning units would also require maintenance.

97. Provision is also made to cover services provided to contingent personnel, such as laundry, dry cleaning, tailoring and haircutting, as well as for contractual services for sewage removal and ground maintenance ($876,470).

(iii) Security services

1 November 1991 to 31 October 1992 revised apportionment	137 900
1 November 1992 to 30 April 1993 estimate	1 400 000
1 May to 31 July 1993 estimate	800 000

98. Provision is made for security services because of the continued need to protect United Nations property.

(iv) Medical treatment and services

1 November 1991 to 31 October 1992 revised apportionment	70 700
1 November 1992 to 30 April 1993 estimate	600 000
1 May to 31 July 1993 estimate	400 000

99. Provision is made for medical treatment outside the mission area in those cases that are beyond the capability of the medical units of the mission. In addition, provision is made for medical services at each of the 17 provincial first aid stations through the engagement of 17 general practitioners from the United Nations Volunteers. Annex XXI provides details on the cost estimates.

(v) Maintenance services

1 November 1991 to 31 October 1992 revised apportionment	314 500
1 November 1992 to 30 April 1993 estimate	300 000
1 May to 31 July 1993 estimate	200 000

100. Provision is made for general maintenance and upkeep of all rented premises consisting of over 200 locations, including offices, housing accommodation and warehouses, for the duration of the mission.

(vi) Claims and adjustments

1 November 1991 to 31 October 1992 revised apportionment	1 700
1 November 1992 to 30 April 1993 estimate	1 198 300
1 May to 31 July 1993 estimate	1 200 000

101. A provision is made for the settlement of claims lodged by third parties for damages caused by personnel of the mission, excluding third-party claims arising from vehicle or aircraft accidents. A provision is also made for compensation payment to Cambodian mine-clearing personnel who may suffer death or disability while performing their duties.

(vii) Miscellaneous other services

1 November 1991 to 31 October 1992 revised apportionment	190 400
1 November 1992 to 30 April 1993 estimate	330 000
1 May to 31 July 1993 estimate	270 000

102. A provision is made to cover other miscellaneous services, not included elsewhere.

(b) Miscellaneous supplies

(i) Stationery and office supplies

1 November 1991 to 31 October 1992 revised apportionment	1 818 500
1 November 1992 to 30 April 1993 estimate	1 800 000
1 May to 31 July 1993 estimate	800 000

103. Provision is made for office supplies, including data-processing supplies and reproduction materials, and for printing of forms, pamphlets, instructions etc., for the international and the local staff of the mission.

(ii) Medical supplies

1 November 1991 to 31 October 1992 revised apportionment	3 369 100
1 November 1992 to 30 April 1993 estimate	3 880 000
1 May to 31 July 1993 estimate	1 000 000

104. Provision is made for medical and dental supplies required for the military medical units and supplies for the dispensaries at the 17 provincial capitals and the cost of vaccines for inoculations and follow-up vaccinations.

(iii) Sanitation and cleaning materials

1 November 1991 to 31 October 1992 revised apportionment	177 100
1 November 1992 to 30 April 1993 estimate	150 000
1 May to 31 July 1993 estimate	75 000

105. Provision is made for sanitation and cleaning materials.

(iv) Subscriptions

1 November 1991 to 31 October 1992 revised apportionment	33 800
1 November 1992 to 30 April 1993 estimate	47 500
1 May to 31 July 1993 estimate	18 500

106. Provision is made for subscriptions to newspapers, periodicals, airline guides, professional publications and library books.

(v) Ballistic protective blankets for vehicles

1 November 1991 to 31 October 1992 revised apportionment	575 000
1 November 1992 to 30 April 1993 estimate	287 000
1 May to 31 July 1993 estimate	-

107. The original provision for the installation of ballistic protective blankets on 4,000 vehicles will no longer be required. Instead, provision is made for the purchase of jackets or blankets for aircraft.

(vi) Uniform items, flags and decals

1 November 1991 to 31 October 1992 revised apportionment	673 500
1 November 1992 to 30 April 1993 estimate	600 000
1 May to 31 July 1993 estimate	250 000

108. Provision is made for standard issues of blue helmets, berets, field caps, shoulder patches and emblems, field service personnel uniforms, protective clothing, medal sets, armbands, field caps and badges for the 3,600 civilian police and 480 observers, fragmentation jackets, United Nations flags and decals for vehicles, buildings, vessels and aircraft, and other miscellaneous clothing, including protective clothing for technical and maintenance personnel and uniforms for drivers.

(vii) Field defence stores

1 November 1991 to 31 October 1992 revised apportionment	179 000
1 November 1992 to 30 April 1993 estimate	750 000
1 May to 31 July 1993 estimate	225 000

109. Provision is made for purchase of sand bags, barbed wire and concertina wire, fence pickets, road block and barrier materials, gabions, sentry boxes and watchtowers, and other security installations.

(viii) Operational maps

1 November 1991 to 31 October 1992 revised apportionment	382 600
1 November 1992 to 30 April 1993 estimate	60 000
1 May to 31 July 1993 estimate	10 000

110. Provision is made for the purchase of maps required for operational use and for the purchase or reproduction of maps required for registration and election-related purposes.

(ix) Quartermaster and general stores

1 November 1991 to 31 October 1992 revised apportionment	985 200
1 November 1992 to 30 April 1993 estimate	550 000
1 May to 31 July 1993 estimate	250 000

111. Included under this heading are the many household items required for the military contingents, plus butagas supplies for cooking, paper products, batteries, photographic supplies, garbage bags, water and fuel cans, kitchen utensils, insecticide, and other general stores.

(x) Miscellaneous supplies

1 November 1991 to 31 October 1992 revised apportionment	641 000
1 November 1992 to 30 April 1993 estimate	561 900
1 May to 31 July 1993 estimate	125 000

112. Provision is made for miscellaneous supplies not listed elsewhere.

11. Election-related supplies and services

(a) Standard kits for registration teams

1 November 1991 to 31 October 1992 revised apportionment	6 463 700
1 November 1992 to 30 April 1993 estimate	-
1 May to 31 July 1993 estimate	-

113. There are no additional requirements under this heading.

(b) Various election materials

1 November 1991 to 31 October 1992 revised apportionment	623 400
1 November 1992 to 30 April 1993 estimate	8 017 600
1 May to 31 July 1993 estimate	250 000

114. The revised estimates are as follows:

(a) The provision for ballot paper for about 5 million voters, at $0.45 per ballot ($2,250,000) does not change;

(b) Revised requirements for 8,000 polling points/teams, at 1,400 polling stations/sites (i.e., 5 or 6 polling points per polling station) is now estimated at about 50 per cent more in view of the need to resort to a turnkey contract. About 30 different items will have to be put together in a kit for each election team. It is considered safer, faster and far more convenient to subcontract the preparation and assembly of the kits to a specialized, reputable firm. Therefore, the revised requirement for the election kits is $1,980,000;

(c) Camping kits for 8,000 polling teams were originally provided for at an estimated cost of $180 per kit. The actual cost is $250 per kit. Kits will be provided to about 5,000, mostly mobile, polling teams. Therefore the revised requirements are estimated at $1,250,000;

(d) The original provision for basic overnight kits for 5,000 international staff and police monitors, and 56,000 local staff, was estimated at $25 per kit for a total of $1,525,000. It is now envisaged that kits will be provided to about 38,600 at a current estimate of $60 per kit, for a total of $2,316,000;

(e) There is no change in the requirements for armbands, T-shirts and other forms of identification for about 61,000 election supervisors, estimated at $18 per person, for a total of $1,095,000.

115. Of the total revised requirements of $8,891,000, the amount of $8,017,600 relates to the period from 1 November 1992 to 30 April 1993 and $250,000 relates to the subsequent three-month period from 1 May to 31 July 1993.

(c) Election-related contractual services

1 November 1991 to 31 October 1992 revised apportionment	2 433 000
1 November 1992 to 30 April 1993 estimate	2 800 000
1 May to 31 July 1993 estimate	-

116. Provision is made for services in direct support of the registration and election phases, including the manufacture of voting booths, partitions, trestle tables, direction signs and ballot boxes, as well as the preparation of the 8,000 polling points, estimated at $350 per polling point ($2,800,000).

12. Public information programmes

(a) Equipment

1 November 1991 to 31 October 1992 revised apportionment	532 000
1 November 1992 to 30 April 1993 estimate	2 894 000
1 May to 31 July 1993 estimate	-

117. An older medium-wave radio transmitter has been made available to UNTAC. This will serve as the core of Radio UNTAC. A tender is in process relating to the provision of six additional studios, as well as relay transmitters for the provinces to effect total coverage of Cambodia. The cost of radio studios is estimated at $492,000. For the radio station to be fully operational a provision of $2,134,000 is required. In addition, television or video studio equipment will cost about $537,000; equipment for graphics, print production and photographic darkroom $34,000; and electronic data-processing equipment required in the radio studios $129,000.

118. The total requirement for equipment is estimated at $3,426,000, of which $2,894,000 will be required for the period from 1 November 1992 to 30 April 1993.

(b) Materials and supplies

1 November 1991 to 31 October 1992 revised apportionment	41 300
1 November 1992 to 30 April 1993 estimate	125 000
1 May to 31 July 1993 estimate	63 500

119. Provision is made for various supplies and materials, namely, photographic supplies ($20,000); printing and art supplies ($31,000); audio cassettes ($92,000); video cassettes ($64,800); electronic data-processing software ($2,000); and miscellaneous expendables ($20,000). The requirement for the six-month period from 1 November 1992 to 30 April 1993 amounts to $125,000 and for the three-month period from 1 May to 31 July 1993 amounts to $63,500.

(c) Contractual services

1 November 1991 to 31 October 1992 revised apportionment	149 000
1 November 1992 to 30 April 1993 estimate	3 215 000
1 May to 31 July 1993 estimate	47 500

120. Provision is made for contractual services in support of the information programmes, consisting of a technical expert team to staff the new studio complex to operate and run Radio UNTAC. The original assumptions of 30 persons at an all-inclusive rate of $100,000 per person ($3,000,000) does not change. The tender process for the new studios and relay transmitter includes the opportunity to bid to provide the services. In addition, it is estimated that $411,500 would be required for the mass production of materials for training, education and information, organization of seminars, teams and

briefings for journalists. Total estimated cost is $3,411,500, of which $3,215,000 would be required for the period from 1 November 1992 to 30 April 1993 and $47,500 for the period from 1 May to 31 July 1993.

13. Training programmes

1 November 1991 to 31 October 1992 revised apportionment	190 000
1 November 1992 to 30 April 1993 estimate	2 398 000
1 May to 31 July 1993 estimate	-

121. For the period from 1 November 1992 to 30 April 1993, provision is made for fees and remuneration of consultants, including travel and allowances ($588,000); equipment ($270,000); miscellaneous services ($949,000) and training material and supplies ($591,000).

14. Mine-clearing programmes

(a) Mine-clearing equipment

1 November 1991 to 31 October 1992 revised apportionment	2 637 700
1 November 1992 to 30 April 1993 estimate	722 700
1 May to 31 July 1993 estimate	-

122. Provision is made for the acquisition of mine-clearing equipment, such as navigational systems, miscellaneous equipment for 10 explosive ordnance disposal teams and mine detectors.

(b) Supplies, services and operating costs

1 November 1991 to 31 October 1992 revised apportionment	1 349 800
1 November 1992 to 30 April 1993 estimate	4 510 000
1 May to 31 July 1993 estimate	1 348 700

123. The estimated requirements, totalling $5,858,700, for the period from 1 November 1992 to 31 July 1993 are as set out below.

124. The mine awareness publicity campaign requirements include television, radio and print production costs for video films, television commercials, posters, pamphlets and billboards. The campaign will be carried out at the national ($598,200), village ($130,050) and international levels ($50,000).

125. Mine awareness information gathering, processing and production requirements include computer upgrade ($25,550), production of mined area map overlays ($24,800), miscellaneous services ($75,880), Global Positioning System (GPS) ($40,000), explosive ordnance disposal team ($37,000) and other supplies and expendables ($41,000).

126. Minefield marking and fencing requirements consist of materials and labour ($952,390).

127. Training requirements are as follows: 63 mechanical mine-clearing teams ($444,824); mine dog training ($142,000); training of Cambodian supervisors, trainers and de-mining staff in local areas ($132,044); and training of explosive ordnance disposal teams ($13,700).

128. Operating costs for up to 40 mine-clearance teams (24 UNTAC-supervised, 16 Cambodian-supervised) at $10,724 per team per month ($2,402,176), mechanical clearance ($121,892); and dog handling and food ($28,880).

129. In addition, a provision for contingency allowance is included to cover unforeseen requirements ($598,308).

15. Assistance to factions

(a) Rehabilitation/reintegration assistance to the demobilized military forces

1 November 1991 to 31 October 1992 revised apportionment	1 477 300
1 November 1992 to 30 April 1993 estimate	5 015 200
1 May to 31 July 1993 estimate	2 507 500

130. Provision is made for reintegration assistance to the demobilized forces of the Cambodian parties in the form of training projects.

131. Annex XIX provides details relating to rehabilitation and reintegration projects.

(b) Provision of food to the forces of the Cambodian parties, including transportation and distribution

1 November 1991 to 31 October 1992 revised apportionment	866 400
1 November 1992 to 30 April 1993 estimate	5 692 000
1 May to 31 July 1993 estimate	2 052 000

132. Provision is made for food supplies to be made available for members of the forces of the Cambodian factions under cantonment and after demobilization, based on a ration cost of $0.38 per day. The requirements for the period from 1 November 1992 to 30 April 1993 amount to $5,692,000 and those for the three-month period from 1 May to 31 July 1993 amount to $2,052,000.

16. Air and surface freight

(a) Transport of contingent-owned equipment

1 November 1991 to 31 October 1992 revised apportionment	16 320 000
1 November 1992 to 30 April 1993 estimate	5 840 000
1 May to 31 July 1993 estimate	13 415 000

133. Provision is made for the costs of transport of contingent-owned equipment, including the airlift of hospital equipment, medical equipment and medicines.

(b) Military airlift

1 November 1991 to 31 October 1992 revised apportionment	4 664 000
1 November 1992 to 30 April 1993 estimate	1 660 000
1 May to 31 July 1993 estimate	3 835 000

134. Provision is made for the airlift of military equipment and supplies.

(c) Commercial freight and cartage

1 November 1991 to 31 October 1992 revised apportionment	594 800
1 November 1992 to 30 April 1993 estimate	910 400
1 May to 31 July 1993 estimate	226 500

135. This provision is made to cover the cost of air and sea freight, plus clearing and handling charges, not included elsewhere in this presentation.

17. Support account for peace-keeping operations

1 November 1991 to 31 October 1992 revised apportionment	4 348 900
1 November 1992 to 30 April 1993 estimate	8 055 800
1 May to 31 July 1993 estimate	4 373 200

136. Provisions are made in accordance with the methodology proposed for the funding of posts authorized from the support account for peace-keeping operations, based on 8.5 per cent of the total net cost of salaries, common staff costs and travel of civilian personnel.

18. Integrated Management Information System

1 November 1991 to 31 October 1992 revised apportionment	-
1 November 1992 to 30 April 1993 estimate	300 000
1 May to 31 July 1993 estimate	100 000

137. Provision is made for a proportional share in the financing of the Integrated Management Information System.

19. Staff assessment

1 November 1991 to 31 October 1992 revised apportionment	5 000 100
1 November 1992 to 30 April 1993 estimate	13 152 700
1 May to 31 July 1993 estimate	6 017 700

138. Staff costs have been shown on a net basis under budget line item 2 (b). The estimate under this heading represents the difference between gross and net emoluments, that is, the amount of staff assessment to which United Nations staff members are subject in accordance with the Staff Regulations.

20. Income from staff assessment

1 November 1991 to 31 October 1992 revised apportionment	(5 000 100)
1 November 1992 to 30 April 1993 estimate	(13 152 700)
1 May to 31 July 1993 estimate	(6 017 700)

139. This amount is derived from item 19 above.

ANNEX V

United Nations Advance Mission in Cambodia and United Nations Transitional Authority in Cambodia

Comparison of initial and revised cost estimates for the period from 1 November 1991 to 31 July 1993

Summary statement

(Thousands of United States dollars)

	Initial cost estimates	Revised cost estimates	Increase/ (decrease)
1. Military personnel costs			
(a) Military observers			
Subsistence allowance	26 342.0	61 543.1	35 201.1
Travel costs	3 176.4	4 802.5	1 626.1
Clothing and equipment allowance	107.4	251.2	143.8
Subtotal	29 625.8	66 596.8	36 971.0
(b) Military contingent			
Standard troop cost reimbursement	183 763.8	210 662.0	26 898.2
Welfare	3 702.0	3 594.8	(107.2)
Rations	126 140.0	82 799.0	(43 341.0)
Daily allowance	6 495.8	7 704.5	1 208.7
Travel costs	23 700.0	45 827.9	22 127.9
Subtotal	343 801.6	350 588.2	6 786.6
(c) Other costs pertaining to contingents			
Death and disability compensation	15 000.0	15 000.0	0.0
Contingent-owned equipment	45 220.0	45 220.0	0.0
Subtotal	60 220.0	60 220.0	0.0

	Initial cost estimates	Revised cost estimates	Increase/ (decrease)
2. Civilian personnel costs			
(a) Civilian police			
Mission subsistence allowance	149 980.0	176 343.3	26 363.3
Travel	22 320.0	13 904.7	(8 415.3)
Clothing allowance	720.0	911.4	191.4
Subtotal	173 020.0	191 159.4	18 139.4
(b) International and local staff			
International staff salaries	52 976.6	56 521.3	3 544.7
Local staff salaries	32 467.1	28 700.7	(3 766.4)
Common staff costs	34 500.9	30 230.2	(4 270.7)
Mission subsistence allowance	46 998.1	58 888.5	11 890.4
Travel	13 390.3	14 264.5	874.2
Overtime	413.0	1 146.4	733.4
Subtotal	180 746.0	189 751.6	9 005.6
(c) United Nations Volunteers	18 702.0	17 951.4	(750.6)
3. Premises/accommodation			
(a) Rental of premises	4 004.1	11 994.6	7 990.5
(b) Maintenance and alteration of premises	5 046.3	4 886.1	(160.2)
(c) Utilities	2 263.9	1 813.0	(450.9)
(d) Prefabricated units	226 329.9	122 599.4	(103 730.5)
Subtotal	237 644.2	141 293.1	(96 351.1)
4. Infrastructure repairs	20 800.0	28 561.2	7 761.2

	Initial cost estimates	Revised cost estimates	Increase/ (decrease)
5. Transport operations			
(a) Purchase of vehicles	92 506.5	83 330.9	(9 175.6)
(b) Rental of vehicles	2 100.0	748.7	(1 351.3)
(c) Workshop equipment	90.0	730.6	640.6
(d) Spare parts, repairs and maintenance	18 813.0	17 854.2	(958.8)
(e) Petrol, oil and lubricants	26 352.7	14 169.8	(12 182.9)
(f) Vehicle insurance	2 857.9	1 721.9	(1 136.0)
Subtotal	142 720.1	118 556.1	(24 164.0)
6. Air operations			
(a) Helicopters			
Hire/charter costs	81 760.0	64 160.9	(17 599.1)
Aviation fuel and lubricants	7 321.2	11 249.8	3 928.6
Subtotal	89 081.2	75 410.7	(13 670.5)
(b) Fixed-wing aircraft			
Hire/charter costs	21 725.0	17 632.1	(4 092.9)
Aviation fuel and lubricants	9 166.0	5 492.6	(3 673.4)
Subtotal	30 891.0	23 124.7	(7 766.2)
(c) Air crew subsistence allowance	7 067.0	3 640.0	(3 427.0)
(d) Other air operations costs			
Air traffic control services	20 000.0	13 026.9	(6 973.1)
Landing fees and ground handling	450.0	2 244.5	1 794.5
Liability insurance	15.0	85.0	70.0
Fuel storage container	34.5	250.0	215.5
Subtotal	20 499.5	15 606.4	(4 893.1)

	Initial cost estimates	Revised cost estimates	Increase/ (decrease)
7. Naval operations			
(a) Preparation costs	2 735.0	1 368.0	(1 367.0)
(b) Fuel	11 083.5	9 463.7	(1 619.8)
(c) Maintenance costs	11 935.0	11 507.0	(428.0)
(d) Rental of landing-craft	1 320.0	4 496.0	3 176.0
Subtotal	27 073.5	26 834.7	(238.8)
8. Communications			
(a) Complementary communication			
Communications equipment	26 830.1	19 379.4	(7 450.7)
Spare parts and supplies	2 692.4	3 013.6	321.2
Workshop and test equipment	2 859.8	2 581.1	(278.7)
Commercial communications	5 598.8	8 305.6	2 706.8
Subtotal	37 981.1	33 279.7	(4 701.4)
(b) Main trunking contract			
Equipment	20 976.0	15 447.0	(5 529.0)
Spare parts and supplies	3 146.0	1 739.0	(1 407.0)
Transport and freight costs	3 146.0	3 213.0	67.0
Contractual costs for operation of trunking system	4 732.0	10 888.0	6 156.0
Subtotal	32 000.0	31 287.0	(713.0)

	Initial cost estimates	Revised cost estimates	Increase/ (decrease)
9. Other equipment			
(a) Office furniture	3 265.3	5 929.0	2 663.7
(b) Office equipment	7 877.6	6 738.3	(1 139.3)
(c) Observation equipment	860.0	1 502.5	642.5
(d) Data-processing equipment	10 060.0	9 149.3	(910.7)
(e) Petrol tank plus metering equipment	3 700.0	1 314.4	(2 385.6)
(f) Medical equipment	415.0	415.0	0.0
(g) Generators	11 659.7	12 191.7	532.0
(h) Miscellaneous equipment	2 449.1	5 453.6	3 004.5
(i) Parts and repair of equipment	3 437.0	3 390.1	(46.9)
Subtotal	43 723.7	46 083.9	2 360.2
10. Supplies and services			
(a) Miscellaneous services			
Audit services	120.0	120.0	0.0
Contractual services	6 858.6	8 398.4	1 539.8
Security services	2 368.0	2 337.9	(30.1)
Medical treatment and services	1 010.0	1 070.7	60.7
Maintenance services	858.0	814.5	(43.5)
Claims and adjustments	2 400.0	2 400.0	0.0
Miscellaneous other services	800.0	790.4	(9.6)
Official hospitality	0.0	30.0	30.0
Subtotal	14 414.6	15 961.9	1 547.3

	Initial cost estimates	Revised cost estimates	Increase/ (decrease)
(b) Miscellaneous supplies			
Stationery and office supplies	4 450.0	4 418.5	(31.5)
Medical supplies	3 880.0	8 249.1	4 369.1
Sanitation and cleaning materials	450.0	402.1	(47.9)
Subscriptions	600.0	99.8	(500.2)
Ballistic protective blankets for vehicles	6 400.0	862.0	(5 538.0)
Uniform items, flags and decals	1 796.0	1 523.5	(272.5)
Field defence stores	1 169.1	1 154.0	(15.1)
Operational maps	650.0	452.6	(197.4)
Quartermaster and general stores	1 870.0	1 785.2	(84.8)
Miscellaneous supplies	641.0	1 327.9	686.9
Subtotal	21 906.1	20 274.7	(1 631.4)
11. Election-related supplies and services			
(a) Standard kits for registration teams	3 255.0	6 463.7	3 208.7
(b) Various election materials	12 640.0	8 891.0	(3 749.0)
(c) Election-related contractual services	5 100.0	5 233.0	133.0
Subtotal	20 995.0	20 587.7	(407.3)
12. Public information programmes			
(a) Equipment	3 260.0	3 426.0	166.0
(b) Materials and supplies	378.0	229.8	(148.2)
(c) Contractual services	3 522.0	3 411.5	(110.5)
Subtotal	7 160.0	7 067.3	(92.7)
13. Training programmes	2 949.7	2 588.0	(361.7)

		Initial cost estimates	Revised cost estimates	Increase/ (decrease)
14.	Mine-clearing programmes			
	(a) Mine-clearing equipment	2 216.5	3 360.4	1 143.9
	(b) Supplies, services and operating costs	12 557.0	7 208.5	(5 348.5)
	Subtotal	14 773.5	10 568.9	(4 204.6)
15.	Assistance to factions			
	(a) Rehabilitation assistance to the demobilized military forces	14 000.0	9 000.0	(5 000.0)
	(b) Provision of food to the forces of the Cambodian parties, including transportation and distribution	27 344.0	8 610.4	(18 733.6)
	Subtotal	41 344.0	17 610.4	(23 733.6)
16.	Air and surface freight			
	(a) Transport of contingent-owned equipment	23 872.0	35 575.0	11 703.0
	(b) Military airlift	37 800.0	10 159.0	(27 641.0)
	(c) Commercial freight and cartage	3 337.6	1 731.7	(1 605.9)
	Subtotal	65 009.6	47 465.7	(17 543.9)
17.	Support account for peace-keeping operations	15 363.4	16 778.0	1 414.6
18.	Integrated Management Information System	0.0	400.0	400.0
19.	Staff assessment	22 084.1	24 170.5	2 086.4
	TOTAL, lines 1-19	1 721 596.7	1 603 018.0	(118 578.7)
20.	Income from staff assessment	(22 084.1)	(24 170.5)	(2 086.4)
	NET TOTAL	1 699 512.6	1 578 847.5	(120 665.1)

/...

ANNEX VI

United Nations Advance Mission in Cambodia and United Nations Transitional Authority in Cambodia

Revised cost estimates for the period from 1 November 1991 to 31 July 1993: supplementary information

	Increase/ (decrease) United States dollars
1. Military personnel costs	
(a) Military observers	
(i) Mission subsistence allowance	35 201 100

The revised estimate was calculated on the basis of actual dates of arrival and departure of military observers, which are at variance with the number of person-days arrived at in the original estimate, the latter being based on the expected phasing-in/phasing-out dates at $145 per day. In addition, the increase in mission subsistence allowance payments is attributable to the addition of 209 naval observers, 9 mine-clearing personnel, 39 Engineer Planning and Liaison Cell personnel and 5 military staff officers to the original 658-person strength of military observers and mine-clearing team.

(ii) Travel costs	1 626 100

This estimate was adjusted upward to cover the increased strength of the military observers and mine-clearing team, from 658 to 918.

(iii) Clothing and equipment allowance	143 800

This estimate was increased to cover payments of clothing and equipment allowance to 918 persons, instead of 658 previously budgeted for in the original estimate.

(b) Military contingent	
(i) Standard troop cost reimbursement	26 898 200

The estimates have been revised on the basis of the recommendation of the Secretary-General to phase out the six infantry battalions of 5,120 persons in May 1993 instead of October 1992 as originally planned.

(ii) Welfare ..... (107 200)

(iii) Rations ..... (43 341 000)

This estimate was revised to reflect the lower ration cost per person per day of $15, as compared to the original estimate of $23.80.

(iv) Daily allowance 1 208 700

The increase in this estimate was due mainly to the fact that 5,120 persons of the six infantry battalions due to be phased out in October 1992 continued to serve with UNTAC.

(v) Travel costs 22 127 900

For the reason explained under (iv) above, the travel costs also increased and the original estimate under this heading had to be adjusted upward.

(c) Other costs pertaining to contingents

No change is required to this line item.

2. Civilian personnel costs

(a) Civilian police

(i) Mission subsistence allowance 26 363 300

The projection in the original estimate that 95 per cent of the 3,600 civilian police officers would be provided with United Nations accommodation did not materialize. Mission subsistence allowance consequently was paid to all members of the civilian police component at the full rate. Prefabricated accommodation is now expected to be made available to some police officers in November or December 1992.

(ii) Travel ..... (8 415 300)

Travel costs were reduced because the civilian police officers did not rotate as scheduled.

(iii) Clothing allowance 191 400

(b) International and local staff 9 005 600

The salaries of the international and locally recruited staff and common staff costs were projected in the original cost estimates on the basis of their expected dates of joining UNTAC, which were at variance with the actual dates on which they came on board. The revised estimates, therefore, reflect reductions from the original figures. However, it is requested that additional 207 international staff be recruited from January 1993 till the end of the mission, together with a reduction of 2,000 local staff. Therefore the salary is increased by $3,544,700 for international staff and decreased by $3,766,400 for locally recruited staff and $4,270,700 for common staff costs. Upward revisions had to be made to cover increase in mission subsistence allowance ($11,890,400), travel ($874,200) and overtime ($733,400). The increase in mission subsistence allowance payments was due mainly to the fact that, contrary to the original estimate, all the international staff members were paid the full rate of $145 per person per day, because of the non-availability of United Nations prefabricated accommodation, envisaged in the first budget, for 76 per cent of the staff. The increases in travel and overtime estimates were due to the operating needs of UNTAC, which were not fully anticipated in the original budget projections.

(c) United Nations Volunteers ..... (750 600)

The decrease in this estimate was due to the fact that the United Nations Volunteers had revised downward their original estimate of the requirement of a United Nations Volunteer, based on actual experience. The basic remuneration was reduced to $29,524 per person per year, resulting in savings of $6,476 per person and the related 6.5 per cent programme support costs. It is however requested that a provision is made to recruit 67 additional United Nations Volunteers to assist in the registration and election process.

3. Premises/accommodation

(a) Rental of premises 7 990 500

The original cost estimate of $250,000 per month was understated, owing to inflation in rental rates, underestimation of building space requirements and delay in the delivery of prefabricated units.

(b) Maintenance and alteration of premises ..... (160 200)

It is expected that the number of rented premises will be reduced because of the completion of prefabricated facilities.

(c) Utilities ..... (450 900)

The requirement for utilities is less than originally estimated because the electrical power supply in the mission area is not suitable for powering computers and other office equipment, and power is available only in Phnom Penh. The decrease in this budget line item, however, is offset by a larger requirement for generators and water supply equipment.

(d) Prefabricated units ..... (103 730 500)

There was an urgent need from the beginning of the UNTAC operation to provide rented office, warehouse and workshop space. For district offices, no prefabricated units were purchased, since these would have arrived too late in the mission area for them to be used. Prefabricated offices were constructed in Phnom Penh, but for civilian police district offices, electoral premises, and the Mine Clearing and Training Unit office, the cheapest solution was to rent facilities for short-term requirements. While prefabricated warehouses were provided and all are being used, rented warehouse space is still required for storage of electoral registration kits and communications equipment and medical supplies.

4. Infrastructure repairs 7 761 200

On the basis of actual expenditures for the period from 15 March to 31 July 1992 (for airstrip, bridge and road repairs) and forecast requirements through 31 July 1993 (for road, airstrip, bridge, railways and port repairs), an upward revision of the original estimate for this budget line item is required.

5. Transport operations

(a) Purchase of vehicles ..... (9 175 600)

The revised estimate under this heading covers all the vehicle equipment in the proposed vehicle establishment and, in addition, unforeseen requirements, such as forklifts, vehicles with cranes and vehicles for one military contingent which was deployed without vehicles equipment.

(b) Rental of vehicles ..... (1 351 300)

The revised estimate covers actual expenditures for the period from 15 March to 31 July 1992 ($174,000) and estimated requirements for the periods from 1 August to 31 October 1992 ($75,000) and from 1 November 1992 to 31 July 1993 ($500,000). Rented vehicles for the first two periods include buses, trucks, forklifts etc., which were not available as yet from UNTAC sources. Rented vehicles for the last period include, in addition, vehicles that will be required for UNTAC offices in Bangkok, Singapore and Malaysia. During the election period, 100 rented vehicles for a period of one month will be required.

(c) Workshop equipment 640 600

The revised estimate covers maintenance facilities in Phnom Penh and seven other locations: Battambang, Siem Reap, Kratie, Stung Treng, Kompong Cham, Kompong Thom and Sihanoukville. It was necessary to establish garage facilities in the provinces because of the inability of the manufacturers that supply the vehicles to UNTAC to set up their own workshops in those provinces.

(d) Spare parts, repairs and maintenance ..... (958 800)

The reduced estimate under this heading reflects some savings that may be realized as a result of the fact, indicated under (c), that UNTAC should become self-sufficient with regard to repairs and maintenance of its fleet in the provinces, in the absence of manufacturer-run workshops.

(e) Petrol, oil and lubricants ..... (12 182 900)

Based on UNTAC expenditure to date, United Nations-owned vehicles travel an average of 46 miles per day, whereas the original estimate for petrol, oil and lubricants was based on a daily average of 75 miles. It is, however, anticipated that when the registration process begins the daily average or UNTAC vehicles will approximate, or even exceed, 75 miles.

(f) Vehicle insurance ..... (1 136 000)

The cost of third-party vehicles insurance is negotiated at $150 per vehicle, which is 36 per cent lower than was originally budgeted for.

6. Air operations

(a) Helicopters

(i) Hire/charter costs ..... (17 599 100)

This reduction of the original estimate is based on actual expenditures for the period from 15 March to 31 October 1992 ($18,045,500) and estimated requirements for the period from 1 November 1992 to 31 July 1993 ($46,115,400).

(ii) Aviation fuel and lubricants 3 928 600

The increase in fuel consumption was due mainly to the many additional flying hours required of the helicopters. This has been caused by the inability to deploy the aircraft to outlying areas on a full-time basis, as fuel and accommodation for crews have not been available in those areas. Additional transit hours are incurred in reaching the few locations where fuel is available. While fuel and accommodations are now becoming more easily available, it is anticipated that each aircraft will continue to fly approximately 75 hours per month, owing to the sheer volume of logistic support requirements.

(b) Fixed-wing aircraft

(i) Hire/charter costs ..... (4 092 900)

Airport and scheduling or tasking problems have not allowed the fixed-wing aircraft to be flown to their full potential. The local authorities recently closed both Battambang and Stung Treng airfields and their reopening is not expected until mid-January 1993 at the earliest. This effectively removes two major air support hubs from fixed-wing use, necessitating the use of the MI-26 helicopters instead.

(ii) Aviation fuel and lubricants ..... (3 673 400)

The decrease of $3,673,400 from the original estimate is based on actual expenditures for the period from 15 March to 31 October 1992 ($1,858,600) and estimated requirements for the period from 1 November 1992 to 31 July 1993 ($3,634,000).

(c) Air crew subsistence allowance ..... (3 427 000)

A subsistence allowance of $100 per person per day was provided in the original budget for the crews of helicopters and fixed-wing aircraft. In actuality, however, since all members of the aircrews have been accommodated in hotels or rented accommodations paid for by UNTAC, they receive instead a reduced allowance of $30 per person per day for meals and incidentals. As prefabricated units and other United Nations accommodations become available, crews will move there. A reduction of the original estimate under this heading is required.

(d) Other air operations costs ..... (6 973 100)

(i) Air traffic control services

The revised cost estimate under this heading is based on a careful review of requirements, technical details, local conditions and cost factors regarding the provision of air traffic control equipment, airfield services and infrastructure repair and upgrading.

(ii) Landing fees and ground handling 1 794 500

The UNTAC fixed-wing aircraft fleet travels to airports in countries outside Cambodia on a regular basis, for medical evacuation and transport of passengers and freight. Landing, navigation and handling fees are increased for such trips. Landing and navigation fees are charged against UNTAC aircraft by airport authorities in Bangkok, the Lao People's Democratic Republic, Singapore and Viet Nam. Handling charges are also paid in all these countries for marshalling, parking, chocking, catering, load building, use of ground support equipment, loading and unloading. UNTAC is still negotiating with their authorities for exemption from landing and navigation charges, without success to date.

(iii) Liability insurance 70 000

(iv) Fuel storage container 215 500

Provision is made for the refurbishment of existing fuel facilities at airports around Cambodia and for the purchase of additional facilities.

7. Naval operations ..... (238 800)

(a) Preparation costs and equipment ..... (1 367 000)

The reduced requirement under this heading was partially due to the lower number of Cambodian vessels that were serviceable.

(b) Fuel ..... (1 619 800)

The reduced estimate was based on the daily fuel requirements for all vessels, including 25 Cambodian vessels, 50 rigid inflatable boats, 150 rented small boats and 8 landing-craft.

(c) Maintenance costs ..... (428 000)

The revised lower requirement under this heading was due to the fact that the Cambodian vessels were not turned over to UNTAC until the end of August 1992.

(d) Rental of landing-craft 3 176 000

The original estimate did not provide for the requirement for boats to transport electoral personnel and other civilian personnel, including civilian police escorts, throughout the country to districts and villages that are accessible only by water. The revised estimate covers the leasing of eight landing-craft from November 1992 to July 1993 at $50,000 per month per landing-craft and 150 small boats at $700 per boat per month.

8. Communications

(a) Complementary communication ..... (4 701 400)

(i) Communications equipment ..... (7 450 700)

The revised estimate was based on actual expenditure for UNAMIC ($2,051,100), UNTAC actual expenditure for the period from 15 March to 31 October 1992 ($14,021,969) and estimated requirements for the period from 1 November 1991 to 31 July 1993 for both UNAMIC and UNTAC ($3,306,400).

(ii) Spare parts and supplies 321 200

The revised estimate was based on actual expenditure for UNAMIC ($214,400) and UNTAC actual expenditure ($1,419,200) for the period from 15 March to August 1992 and estimated requirements ($1,380,000).

(iii) Workshop and test equipment ..... (278 700)

The revised estimate was based on UNAMIC actual expenditure for the period from 1 November 1991 to 14 March 1992 ($221,300) and estimated requirements for the period from 1 November to 31 July 1993 ($2,200,000).

(iv) Commercial communications 2 706 800

This revised, higher estimate than originally budgeted was based on the Cambodian UNAMIC/UNTAC expenditure for the period from 1 November 1991 to 31 October 1992 ($5,204,800) and UNTAC projected requirements for the period from 1 November 1992 to 31 July 1993 ($2,667,000).

(b) Main trunking contract ..... (713 000)

(i) Equipment ..... (5 529 000)

(ii) Spare parts and supplies ..... (1 407 000)

(iii) Transport and freight costs 67 000

(iv) Contractual costs for operation of trunking system 6 156 000

The increased requirements under this heading include, inter alia, system design, project management, installation and labour-related costs, training, fixed fee and operations and maintenance.

9. Other equipment 2 360 200

(a) Office furniture 2 663 700

Changing requirements dictate an increase in the estimate for this budget line item.

(b) Office equipment ..... (1 139 300)

This revised estimate was based on revised requirements at UNTAC, which exceed the original budget provisions, both in types and quantities of equipment actually needed.

(c) Observation equipment 642 500

The increase in this estimate was due to the need to provide 100 units of night observation equipment, instead of 48, as originally budgeted for.

(d) Data-processing equipment ..... (910 700)

The reduced estimate was based on changing requirements and cost differences between the original and revised estimates.

(e) Petrol tank plus metering equipment ..... (2 385 600)

The reduced estimate reflects the costing difference between the original and revised estimates.

(f) Medical equipment

No change in this budget line item.

(g) Generators 532 000

Changing requirements have necessitated the provision of different types and quantities of generators to meet the operating needs in the field, resulting in a slight upward adjustment of the original estimate under this heading.

(h) Miscellaneous equipment 3 004 500

Changing requirements and operating needs not foreseen in the original cost estimate have necessitated an upward revision of this budget line item.

(i) Parts and repair of equipment ..... (46 900)

10. Supplies and services

(a) Miscellaneous services 1 547 300

(i) Audit services

No change in this budget line item.

(ii) Contractual services 1 539 800

An upward revision of the original estimate under this heading was required, owing to the higher contractual service rates and higher labour costs for installations, repairs and maintenance work, building, sewage disposal, garbage disposal etc., than originally budgeted for.

(iii) Security services ..... (30 100)

(iv) Medical treatment and services 60 700

(v) Maintenance services ..... (43 500)

(vi) Claims and adjustments

No change in this budget line item.

(vii) Miscellaneous other services ..... (9 600)

(viii) Official hospitality 30 000

(b) Miscellaneous supplies ..... (1 631 400)

All items under this heading, except medical supplies and miscellaneous supplies, were overstated in the original cost estimate. These two items must be revised upward to cover larger estimated requirements than originally provided for in the initial cost estimate.

11. Election-related supplies and services ..... (407 300)

This estimate was revised to cover standard kits for registration, election materials and election-related contractual services. Estimated expenditure for the period ending on 31 October 1992 amounted to $9,520,100 and estimated requirements for the period from 1 November 1992 to 31 July 1993 amounted to $11,067,600.

12. Public information programmes ..... (92 700)

The revised estimates cover equipment, materials and supplies and contractual services.

13. Training programmes ..... (361 700)

The reduced estimate covers consultant costs, training equipment, miscellaneous services and training materials.

14. Mine-clearing programmes ..... (4 204 600)

The reduced estimate covers mine-clearing equipment and supplies, services and operating costs.

15. Assistance to factions ..... (23 733 600)

The reduced estimate for rehabilitation/reintegration assistance to the forces of the Cambodian factions to be demobilized was due to the smaller number of soldiers in cantonment sites and shorter periods of cantonment than originally budgeted for. A reduction of $18,733,600 for provision of food to these personnel was made to reflect the

above-mentioned factors, as well as the actual daily rations cost per person of $0.38 (exclusive of transportation and distribution), as compared to the higher, budgeted cost of $0.57 (exclusive of transportation and distribution). The estimate was also adjusted to reflect the donation of 1,500,000 meals ready to eat for feeding faction personnel (1,500,000 x $0.38 = $570,000).

16. Air and surface freight ..... (17 543 900)

The budget provision for military airlift was overstated by $27,641,000. However, the costs of transporting contingent-owned equipment were increased by $11,703,000, mainly owing to the need to airlift certain types of shipments, such as hospital equipment, medical equipment and medicines donated to UNTAC.

17. Support account for peace-keeping operations 1 414 600

18. Integrated Management Information System 400 000

19. Staff assessment 2 086 400

ANNEX VII

United Nations Transitional Authority in Cambodia

Proposed civilian staffing table

Location	Current authorized number of posts: Professional and above									Current authorized number of posts: GS and FS							Additional/reduced requirements							Grand total
	USG	ASG	D-2	D-1	P-5	P-4	P-3	P-2	Total	UNV	PL	OL	FS	Total	Local staff	Total	P-4	P-3	P-2	UNV	OL	Local	Total	
SUBSTANTIVE																								
Office of the SRSG																								
Front office	1	1	1	1	4	3	2		13		2	11		13	9	35								35
Political Adviser			1			1			2			1		1	1	4								4
Legal Adviser			1	1	2	1	1		6		1	4		5	1	12								12
Economic Adviser			1			1			2			2		2	1	5	20						20	25
Information			1	1	3	5	7	4	21			7		7	39	67	29				6		35	102
Office of the Force Commander																								
Commander		1							1			1		1	256	258						(100)	(100)	158
Military headquarters staff												9		9		9								9
Human rights			1	1	2	4	2		10			2		2	6	18	12				4		16	34
Civil administration			1			1	1		3			3		3	1	7	6				1		7	14
Foreign affairs				1		2	3		6			1		1	8	15	5						5	20
Public security				1		5	16		22			4		4	19	45			24				24	69
Information				1	1	2	7		11			3		3	26	40								40
Defense				1		3			4			1		1	4	9								9
Finance				1	5	12	1		19			5		5	25	49								49
Sectoral administration				1		3			4			2		2	3	9	5						5	14
Complaints procedures				1		1	1		3			1		1	1	5								5
Provincial offices			1	21		42	21		85			42		42	168	295								295
Districts															344	344						(200)	(200)	144
Rehabilitation			1	1		2			4			3		3	6	13				2	1		3	16
Electoral component (a)			1	4	7	5	20		37		1	32		33	311 (b)	381	28 (c)						28	409
Provincial offices					21	21	42		64			21		21	332	437								437
District offices									0	400					944	1,344				85	(d)	(480)	(415)	929
Police component			1				1		2			1		1		3								3
Police headquarters staff												9		9	9	18								18
Provinces															530	530						(280)	(280)	250
District level															1,844	1,844						(840)	(840)	1,004
Total - Substantive	1	2	11	37	45	114	125	4	339	400	4	165		169	4,888	5,796	105	0	24	87	12	(1,900)	(1,682)	4,104

Location	Current authorized number of posts: Professional and above									Current authorized number of posts: GS and FS							Additional/reduced requirements							Ground total
	USG	ASG	D-2	D-1	P-5	P-4	P-3	P-2	Total	UNV	PL	OL	FS	Total	Local staff	Total	P-4	P-3	P-2	UNV	OL	Local	Total	
OFFICE OF THE DOA			1		1		1		3		1	3		4		7								7
Administrative services																								
Office of the service Chief				1					1			1		1		2								2
Finance					1				1			1		1		2		1					1	3
Allowances and pay						1	3		4		3	15		18		22					20 (a)		20	42
Accounts						1			1		1	4		5		6								6
Budget						1			1		1	1		2		3								3
Cashiers								1	1		1	4		5		6								6
Personnel					1				1			1		1		2								2
International staff						1	1		2		1	7		8		10					40 (f)		40	50
Local staff						1	1		2		2	10		12		14		1					1	15
EDP section					1	1	1		3		1	3		4		7								7
Procurement					1				1			1		1		2	1	1					2	4
Contracts						1	2	1	4			3		3		7								7
Purchase						1	2		3			12		12	12	27								27
Processing								1	1		2	9		11		12								12
General services					1				1			1		1		2				188			188	190
Property/claims						1			1			1		1		2		1	1				2	4
Survey board inventory/receiving and inspection											1	3		4		4								4
Accommodation											1	10		11		11								11
Services unit						1			1		1	4		5		6								6
Mail											1	1		1		2								2
Reproduction											1	4		5		6								6
Records											1	1		2		2								2
Service institute							1		1		1	3		4		4								4
Translation/interpretation					1	1	7		9			2		3	12	24								24
Training unit					1	1	2	2	6		1	3		4	12	22								22
Integrated Support Service																								
Office of the service chief				1	1				2			1	1	2		4								4
Bangkok support office					1	1			2			6	5	11	14	27								27
Singapore support office						1			1			3	2	5	9	15								15
Provincial offices												68	76	134	140	274						(60)	(60)	214
Supply							1		1				8	8	10	18								18
Traffic/travel/movecon							1	2	3			4	4	8	9	20								20
Security and safety						1			1			31	4	35		36								36
Building management					1	1	2		4			12	7	19	65	88								88
Camp management													8	8	10	18								18
Communications												6	36	46	25	71								71
Transport Chief																								
Transport officer												1	2	3	1	4								4
Fleet operations												8	4	12	100	112						(40)	(40)	72
Maintenance												3	24	27	68	95								95
Safety/training												2	2	4	1	5								5
Air support, control and coordination						1			1			1		1		2								2
Total - Administration			1	2	11	17	25	7	63		21	251	177	449	483	955	1	4	1	188	60	(100)	152	1,157
	1	2	12	38	98	131	150	11	402	400	25	416	177	618	5,371	6,791	108	4	25	263	72	(2,000)	(1,538)	5,381

/...

Location	Current authorized number of posts															Additional/reduced requirements							Grand total
	Professional and above									GS and FS													
	USG	ASG	D-2	D-1	P-5	P-4	P-3	P-2	Total	UNV	PL	OL	FS	Total	Local staff	Total	P-4	P-3	P-2	UNV	OL	Local	Total	
Additional support staff during election period															60,800	60,800								60,800
Interpreters															1,000	1,000								1,000
GRAND TOTAL	1	2	12	39	59	131	150	11	402	400	25	416	177	618	47,171	66,891	100	4	25	288	72	(2,000)	(1,288)	67,091

(a) For the period from 1 November 1992 to 30 April 1993, excluding 4,000 local staff for four months, 500 locals for one month, 58,000 for one month and 1,000 interpreters for one month. For the period from 1 May to 31 July 1993, excluding 64,000 local staff for 1 month and 1,000 interpreters for 1 month.

(b) Includes 258 data entry clerks.

(c) Three of the officers for the Operations Unit and 20 officers for the Compliance, Complaints and Procedures Unit would be required on a short-term basis only to cover the registration period (3 months) and the campaign and polling period (2 months).

(d) These additional UN Volunteers would be required for a short term period of five months from January to May 1993.

(e) Additional finance clerks would be required for a period of seven months from January to July 1993.

(f) Additional personnel clerks would be required for a period of five months from January to May 1993.

ANNEX VIII (A)

United Nations Transitional Authority in Cambodia

Civilian staff and related costs for the period from 1 November 1992 to 30 April 1993

(Thousands of United States dollars)

Category level	No. of persons	Person months	Annual standard costs			Estimated costs 1 November 1992 to 30 April 1993			Additional estimated costs 1 November 1992 to 30 April 1993					Total estimated costs 1 November 1992 to 30 April 1993		
			Salary	Common staff costs	Staff assessment	Salary	Common staff costs	Staff assessment	Addl	Person months	Salary	Common staff costs	Staff assessment	Salary	Common staff costs	Staff assessment
USG	1	6.0	116.7	48.2	50.1	59.6	24.1	25.1						59.6	24.1	25.1
ASG	2	12.0	111.6	44.2	45.4	111.6	44.2	45.4						111.6	44.2	45.4
D-2	12	72.0	67.8	29.7	37.6	567.4	220.2	225.6						567.4	220.2	225.6
D-1	39	234.0	61.7	33.6	34.1	1,769.2	691.1	685.0						1,769.2	691.1	685.0
P-5	96	576.0	63.6	31.0	39.8	2,348.4	888.0	834.4						2,348.4	888.0	834.4
P-4	131	786.0	72.2	29.7	23.6	4,728.1	1,746.8	1,545.8	108	613	3,686.2	1,383.8	1,205.6	8,417.3	3,112.8	2,751.4
P-3	150	900.0	60.3	22.4	17.4	4,522.5	1,660.0	1,305.0	4	24	120.6	44.8	34.8	4,643.1	1,724.8	1,339.8
P-2	11	66.0	48.8	18.1	12.1	269.0	99.6	66.6	25	150	611.3	226.3	151.3	880.3	325.9	217.9
Sub-total	432	2,412.0				14,414.1	5,348.1	4,712.8	135.0	787.0	4,420.1	1,655.0	1,391.7	18,834.2	6,991.1	6,104.6
GS Prin level	25	150.0	44.3	16.3	16.1	553.6	203.6	200.3						553.6	203.6	200.3
GS Other level	416	2,496.0	32.0	12.2	11.8	6,643.2	2,537.6	2,454.4	72	312	855.4	317.2	306.6	7,498.6	2,854.8	2,761.2
FS	177	1,062.0	40.5	43.0	13.3	3,384.3	3,855.5	1,177.1						3,384.3	3,855.5	1,177.1
Sub-total	618	3,708.0				10,881.3	6,548.8	3,857.8	72.0	312.0	855.4	317.2	306.6	11,836.7	6,854.1	4,164.6
Total - International	1,050	6,120.0				25,295.4	11,893.0	8,570.7	207.0	1,099.0	5,275.5	1,992.2	1,698.5	30,670.9	13,845.2	10,269.2
			Monthly rates													
Local staff	3,113	18,678.0	166	27	31	3,100.5	504.3	579.0						3,100.5	504.3	579.0
Data entry clerks	259	1,032.0	166	27	31	171.3	27.9	32.0						171.3	27.9	32.0
Other short-term staff	60,500	72,500.0	166	27	31	12,035.0	1,957.5	2,247.5						12,035.0	1,957.5	2,247.5
	63,871	92,210.0				15,306.8	2,489.7	2,858.5						15,306.8	2,489.7	2,858.5
Interpreters	1,000	1,000.0	275	25	25	275.0	25.0	25.0						275.0	25.0	25.0
Total - Local	64,871.0	93,210.0				15,581.8	2,514.7	2,883.5						15,581.8	2,514.7	2,883.5
Grand total	65,891.0	99,330.0				40,877.2	14,407.7	11,454.2	207.0	1,099.0	5,275.5	1,992.2	1,698.5	46,252.7	16,359.9	13,152.7

ANNEX VIII (B)

United Nations Transitional Authority in Cambodia

Civilian staff and related costs for the period from 1 May to 31 July 1993

Category level	No. of persons	Person months	Annual standard costs: Salary	Annual standard costs: Common staff costs	Annual standard costs: Staff assessment	Estimated costs 1 May to 31 July 1993: Salary	Estimated costs 1 May to 31 July 1993: Common staff costs	Estimated costs 1 May to 31 July 1993: Staff assessment	Additional estimated costs 1 May to 31 July 1993: Addl	Additional estimated costs 1 May to 31 July 1993: Person months	Additional estimated costs 1 May to 31 July 1993: Salary	Additional estimated costs 1 May to 31 July 1993: Common staff costs	Additional estimated costs 1 May to 31 July 1993: Staff assessment	Total estimated costs 1 May to 31 July 1993: Salary	Total estimated costs 1 May to 31 July 1993: Common staff costs	Total estimated costs 1 May to 31 July 1993: Staff assessment
USG	1	3.0	116.7	46.2	50.1	29.0	12.1	12.5						29.0	12.1	12.5
ASG	2	6.0	111.6	44.2	45.4	55.6	22.1	22.7						55.6	22.1	22.7
D-2	11	33.0	67.9	26.7	27.6	269.2	103.9	103.4						269.2	103.9	103.4
D-1	35	105.0	61.7	33.0	34.1	602.4	298.6	298.4						602.4	298.6	298.4
P-5	27	81.0	63.8	31.0	29.6	565.7	259.3	201.2						565.7	259.3	201.2
P-4	104	312.0	72.2	26.7	23.6	1,877.2	894.2	613.6	63	248.0	1498.2	554	469.7	3,375.4	1,948.2	1,103.3
P-3	66	258.0	60.3	22.4	17.4	1,298.5	481.6	376.1	4	12.0	60.3	22.4	17.4	1,358.8	504.0	391.5
P-2	9	27.0	46.9	16.1	12.1	110.0	49.7	27.2	25	75.0	305.6	113.1	75.6	415.6	153.8	102.8
Sub-total	275	625.0				5,006.7	1,857.5	1,653.1	112.0	336.0	1,864.1	690.5	562.7	6,870.8	2,547.0	2,235.8
GS Prin level	25	75.0	44.3	16.3	16.1	278.9	101.9	113.1						278.9	101.9	113.1
GS Other level	382	1,086.0	32.9	12.2	11.8	2,877.5	1,104.1	1,097.9	12	36.0	66.7	36.6	35.4	3,070.2	1,140.7	1,103.3
FS	177	531.0	40.5	43.0	13.3	1,782.1	1,902.6	566.5						1,782.1	1,902.6	566.5
Sub-total	584	1,692.0				5,048.5	3,108.6	1,769.5	12.0	36.0	66.7	36.6	35.4	5,145.2	3,145.4	1,804.9
Total - International	839	2,317.0				10,053.2	4,966.3	3,422.6	124.0	372.0	1,862.8	726.1	618.1	12,016.0	5,692.4	4,040.7
			Monthly rates													
Local staff																
Admin	1,529	4,584.0	100	27	31	1,521.0	123.6	142.1						1,521.0	123.6	142.1
Electoral	1,585	1,585.0	100	27	31	263.1	42.6	49.1						263.1	42.6	49.1
Other short-term staff	58,600	58,600.0	100	27	31	9,426.6	1,533.6	1,763.6						9,426.6	1,533.6	1,763.6
	59,913	62,969.0				11,213.6	1,700.2	1,952.0						11,213.6	1,700.2	1,952.0
Interpreters	1,000	1,000.0	275	25	25	275.0	25.0	25.0						275.0	25.0	25.0
Total - Local	60,913	63,969.0				11,488.6	1,725.2	1,977.0						11,488.6	1,725.2	1,977.0
Grand total	61,752	66,486.0				21,542.0	6,691.5	5,399.6	124.0	372.0	1,862.8	726.1	618.1	23,504.8	7,417.6	6,017.7

ANNEX IX

United Nations Transitional Authority in Cambodia

Acquisition of vehicles - UNAMIC and UNTAC

UNAMIC

DESCRIPTION	QTY.	UNIT COST (US dollars)	TOTAL COST (US dollars)
Sedan, heavy	3	14,115.94	46,983.15
Sedan, medium	4	10,392.22	46,204.20
Sedan, light	8	8,899.21	75,828.97
Pick-up	3	11,088.90	37,902.02
Pick-up	5	11,246.03	60,865.48
Pick-up, double cabin	50	12,373.02	623,286.12
Jeep 4X4	27	17,500.00	477,135.33
Jeep 4X4	12	17,500.00	214,635.33
Jeep 4X4	44	14,139.13	626,757.05
Minibus	7	10,509.42	78,201.27
Minibus	7	12,843.65	94,540.88
Bus, medium	2	21,817.00	48,269.33
Bus, medium	2	25,661.91	55,959.14
Cargo truck	1	17,914.72	22,550.05
Anti-mine vehicle	10	60,031.20	604,947.33
Trailer, water	7	4,000.00	32,635.33
Container handler	1	75,000.00	79,635.33
Ambulance 4X4	3	23,153.17	74,094.84
Ambulance	3	26,765.67	84,932.33
Sub-total:	199		3,385,363.48
Plus: Freight (10% of total value)			338,536.35
TOTAL:			3,723,899.83

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UNTAC

DESCRIPTION	QTY.	UNIT COST	TOTAL COST
Sedan, heavy	5	17,627.80	88,139.00
Sedan, medium	22	11,520.93	253,460.46
Sedan, light	70	8,676.74	607,372.09
Sedan, light	43	8,531.25	366,843.75
Sedan, light	15	14,000.00	210,000.00
Pick-up, double cabin	1,578	11,740.18	18,526,004.04
Pick-up, double cabin	1,100	12,360.52	13,596,575.74
Pick-up, double cabin	400	12,221.71	4,888,682.17
Jeep	30	19,363.00	580,890.00
Jeep 4X4	400	17,474.61	6,989,844.96
Jeep 4X4	240	18,037.51	4,329,002.03
Jeep 4X4	150	17,399.27	2,609,889.83
Minibus	100	9,302.34	930,234.00
Minibus	2	18,000.00	36,000.00
Bus, medium	6	23,104.00	138,624.00
Truck, 5 ton	100	37,313.22	3,731,322.09
Truck, 5 ton	5	53,424.00	267,120.00
Crane truck, 10 ton	1	85,000.00	85,000.00
Cargo truck	18	DONATION	DONATION
Recovery truck	2	10,000.00	20,000.00
Container handler	4	93,764.75	375,059.00
Motorcycle	1,100	1,443.23	1,587,557.65
Motorcycle	75	1,390.00	104,250.00
Mobile workshop	4	DONATION	DONATION
Recovery vehicle	6	150,000.00	900,000.00
Forklift, 2 ton	3	20,000.00	60,000.00
Forklift, 6 ton	2	50,000.00	100,000.00
Forklift, 6 ton, low mast	6	50,000.00	300,000.00
TOTAL:	5,487		61,681,870.81
Plus: Freight (10% of total value			6,168,187.08
TOTAL:			67,850,057.89

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Projected vehicular requirement for the period
1 November 1992 to 31 April 1993

DESCRIPTION	QTY.	UNIT COST	TOTAL COST
Motorcycles	1,465	1,400.00	2,051,000.00
Trailer, water	93	2,800.00	260,400.00
Bus, heavy	10	140,000.00	1,400,000.00
Minibus	750	9,302.34	6,976,755.00
TOTAL:	2,318		10,688,155.00
Plus: Freight (10% of total value)			1,068,815.50
TOTAL:			11,756,970.50

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ANNEX X

United Nations Transitional Authority in Cambodia

Proposed and current vehicle establishment

	CAR, HEAVY		CAR, MEDIUM		CAR, LIGHT		4X4, DIESEL		D/C PICKUP 4X4		MINIBUS, 9-18 PAX		BUS, MEDIUM		BUS, HEAVY		AMBULANCE 4X4		TRUCK, 5 TON		CONTAINER HANDLER		TRAILER, WATER		WOLF, ANTIMINE VEH.		MOTORCYCLES		OTHERS 29 GRAND TOTAL		VARIANCE
	PE	PR	PE	PR	PE	PR	PE	PR	PE	PR	PE	PR	PE	PR	PE	PR	PE	PR	PE	PR	PE	PR	PE	PR	PE	PR	PE	PR	PE	PR	PR-PE
1. OS/SG	3	3	8	8	11	11																							19	19	0
2. ELECTORAL: HQ,PROV,DIST			1	1	5	5	[illegible]	[illegible]																					274	274	0
3. ELECTORAL TEAMS							[illegible]	0	[illegible]	[illegible]																	1200	1200	[illegible]	[illegible]	-600
4. REGISTRATION TEAM							1600	1600																			600	600	3400	3400	0
5. CIV ADMINISTRATION HQ,PROV			1	1	34	34	71	71																			200	200	[illegible]	[illegible]	0
6. REHABILITATION			1	1			2	2																					3	3	0
7. HUMAN RIGHTS			1	1	1	1	1	1																					3	3	0
8. CIVIL POLICE			1	1	84	41	[illegible]	1249	10	9																	44	270	1729	1670	-169
9. ADMIN SUPPORT + POOL	3	8	6	11	35	42	160	386	30	21	10	10	10	10	6		20	20									20	20	[illegible]	626	237
10. MILITARY COMPONENT *			7	1	10	16	[illegible]	432	11	11						6	80	80	1	5	100	100	10	10		160	627	911	304
11. GHANBATT								30										19											0	49	49
GRAND TOTAL	6	9	22	22	140	140	4810	4039	[illegible]	[illegible]	10	10	10	10	6	6	100	119	1	5	100	100	10	10	2284	2840	8044	8004	-40

PE = PROPOSED ESTABLISHMENT (AS PER GENERAL ASSEMBLY DOCUMENT A/46/603 OF 07/05/92)
PR = PRESENT ESTABLISHMENT AS OF 16/10/92
* NOTE: MIL COMP INCLUDES VEHICLES ON LINES 10 TO 14 OF THE PROPOSED ESTABLISHMENT DTD 09/04/92

OTHERS = 29 (INCLUDED IN GRAND TOTAL OF PRESENT ESTABLISHMENT)
6 FORKLIFTS
6 CRANE TRUCKS
14 RECOVERY TRUCKS
4 MOBILE WORKSHOPS

ANNEX XI

United Nations Transitional Authority in Cambodia

Summary of estimated expenditure for air traffic control equipment and airfield services

(United States dollars)

	Fixed costs	Operating costs	Total costs
Air traffic control equipment			
Air traffic control	2 600 000		2 600 000
Airfield lighting/approach aid	500 000		500 000
Navigational aids	1 200 000		1 200 000
Services (site preparation/installation)	800 000		800 000
Maintenance and engineering (9 months)	700 000		700 000
Manpower (controllers) (104,242 per month x 9)		938 178	938 178
Subtotal	5 800 000	938 178	6 738 178
Airfield services			
Refuelling equipment and services (166,580 per month x 9)		1 499 220	1 499 220
Facilities	108 000		108 000
Crash rescue	720 000		720 000
Materials (chemical: 9 months)	100 000		100 000
Extinguishers	100 000		100 000
Ground power units	570 544		570 544
Material handling equipment (120,000 per month x 9)		1 080 000	1 080 000
Manpower (aircraft tasking) (99,906 per month x 9)		899 154	899 154
Manpower (crash/rescue) (134,656 per month x 9)		1 211 904	1 211 904
Subtotal	1 598 544	4 690 278	6 288 822
Total	7 398 544	5 628 456	13 027 000

ANNEX XII

United Nations Transitional Authority in Cambodia

Complementary communications equipment

COMMUNICATIONS EQUIPMENT
(in US Dollars)

Detail Description	No. of Units as per Budget Line	No. of Units Purchased	UNTAC						UNAMIC		
			Items Purchased from UNSD	Budget Line	Amount Spent	Average Unit Cost	Future Obligations	Savings/Overs Balance	Budget Line	Amount Spent	Balance
1. Transportable Satellite System											
a) INMARSAT terminals	30	30	7	910,000.00	839,788.00	31,103.25	-	70,212.00	-	140,000.00	-
b) small telephone switchboard	24	46	-	60,000.00	58,000.00	1,260.00	-	2,000.00	-	-	-
c) telephone instruments	600	700	-	30,000.00	29,000.00	41.00	-	1,000.00	-	-	-
2. Mobile Telephone System											
a) mobile handset	100	70	-	130,000.00	116,211.60	1,660.00	-	3,788.40	-	-	-
3. Telephone Accessories											
a) facsimile machines	26	26	-	91,000.00	91,000.00	3,500.00	-	-	-	-	-
b) accessories — field cable, indoor/outdoor "pair" cables, jumper wire, sockets, connection boxes, etc.	-	lot	-	181,000.00	-	-	-	181,000.00	-	35,666.80	-
4. Terrestrial Distribution System											
rural telephones	50	50	-	422,000.00	399,714.00	7,194.00	-	72,286.00	-	133,000.00	-
5. Data Sub-System											
a) stand-alone PC/Transceivers	24	-	-	120,000.00	-	-	-	120,000.00			
b) modems	24	-	-	10,000.00	-	-	-	10,000.00	-	104,741.00	-
c) printers	24	-	-	24,000.00	-	-	-	24,000.00			
6. Message Switch System											
a) message switch	2	2	-	36,000.00	36,000.00	18,000.00	-	-	-	-	-
b) terminals	26	26	-	156,000.00	156,000.00	4,514.00	-	-	-	-	-
c) printers	26	26	-	26,000.00	26,000.00	1,000.00	-	-	-	-	-
d) interface software	1	1	-	20,000.00	18,106.00	18,106.00	-	1,894.00	-	-	-

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Serial Description	No. of Units as per budget line	No. of Units Purchased	Items Purchased from UNSD	UNTAC					UNAMIC		
				Budget Line	Amount Spent	Average Unit Cost	Future Obligations	Savings/Overs Balance	Budget Line	Amount Spent	Balance
7. Interfaces											
a) HF radio telephone	4	-	-	17,000.00	-	-	-	17,000.00	-	-	-
b) HF radio radiation	7	-	-	10,000.00	-	-	-	10,000.00	-	-	-
c) modport/PSTN interface	7	-	-	13,000.00	-	-	-	13,000.00	-	-	-
8. Power System											
a) uninterruptible power supply											
UPS - 1,000 VA	24	16	-	41,000.00	87,675.00	5,767.50	-	(-46,675.00)	-	-	-
b) solar power system	100	80	-	160,000.00	65,520.00	819.00	-	94,480.00	-	-	-
9. System Management											
a) stand-alone PC	3	-	-	15,000.00	-	-	-	15,000.00	-	-	-
b) printer	3	-	-	6,000.00	-	-	-	6,000.00	-	-	-
c) scanner	1	-	-	2,000.00	-	-	-	2,000.00	-	-	-
d) plotter	1	-	-	6,000.00	-	-	-	6,000.00	-	-	-
e) drafting table	2	-	-	1,000.00	-	-	-	1,000.00	-	-	-
10. VHF Radio System											
a) portable radio sets	1,560	2,560	200	1,300,000.00	1,550,448.00	957.72	-	(-250,448.00)	-	280,000.00	-
b) mobile/vehicular sets	7,090	6,830	130	13,710,000.00	7,349,999.00	1,427.00	2,719,900.00	3,640,111.00	-	470,000.00	-
c) base stations	346	-	-	600,000.00	-	-	-	600,000.00	-	316,980.00	-
d) repeaters and accessories	158	100	23	1,500,000.00	864,295.00	8,728.00	-	635,705.00	-	80,000.00	-
e) antennas for base station	300	250	50	150,000.00	81,923.00	482.00	66,000.00	2,077.00	-	-	-
f) antennas for repeater	150	-	-	150,000.00	-	-	-	150,000.00	-	-	-
g) towers and accessories	227	10	27	600,000.00	111,000.00	3,000.00	-	489,000.00	-	80,000.00	-
h) masts	300	280	20	330,000.00	174,536.00	1,099.80	125,000.00	30,464.00	-	30,000.00	-
11. HF Radio System											
a) mobile/vehicular sets	318	230	82	2,700,000.00	1,256,086.80	6,012.00	-	1,443,913.20	-	343,012.20	-
b) radio-teletype base station	2	-	2	120,000.00	120,000.00	60,000.00	-	-	-	-	-
c) base stations	74	-	-	666,000.00	-	-	-	666,000.00	-	-	-
d) base station power amplifier	4	-	-	-	-	-	-	-	-	48,000.00	-
e) base station antennas	74	40	-	259,000.00	25,100.00	627.00	-	233,900.00	-	-	-
f) marine station	36	36	-	198,000.00	224,577.00	6,238.00	-	(-26,577.00)	-	-	-
g) Intelsat Station	-	1	-	-	370,000.00	370,000.00	-	(-370,000.00)	-	-	-
h) 5-KVA UPS Requirement	-	50	-	-	-	-	385,500.00	(-385,500.00)	-	-	-
TOTAL	11,765	11,583	962	24,779,000.00	14,921,999.40	-	3,396,400.00	7,460,630.20	2,951,180.00	2,951,180.00	-

ANNEX XIII

United Nations Transitional Authority in Cambodia

Complementary communications equipment: supplementary information

1. Transportable satellite system

Line item (a): the saving of $70,212 was due to discount from bulk purchase of these units.

Line items (b) and (c): an additional 100 telephones and 22 small switchboards were required to expand the system. This was included within the budget line and a saving of $3,000 was effected.

2. Mobile telephone system

Seventy units were purchased and actual cost was less than budget line allocation by $3,788.40.

3. Telephone accessories

(a) The items were purchased as per budget line. The additional facsimile machines were purchased under the account for furniture and fixtures to supplement the communications network.

(b) Only a limited number of cables and accessories were ordered as the rural telephone system was utilized as a substitute for 50 land lines. Consequently, a saving of $145,333.20 was effected.

4. Terrestrial distribution system

Rural telephones: the United Nations has standardized these units and consequently a reduced price applies for purchase by volume. A saving of $72,286 was effected.

5. Data sub-system

This complex data system was incorporated into the Overseas Telecommunication Corporation (OTC) contract and was never purchased under the complementary communications budget. However, instead of purchasing 24 terminals which were dependent on some form of telephone line, a more versatile, smaller capacity, rapid deployment system was supplied, complete with its own VHF medium-range communications system. This smaller system did not depend on the unreliable, often non-existent, local commercial lines, but was instead an independent communication system by VHF radio means, much more suited to the prevailing conditions in Cambodia. A saving of $49,259 was effected by purchasing this self-reliant, smaller radio-assisted system.

6. Message switch system

Interface software proved to be cheaper than estimate, hence savings of $1,894.

7. Interfaces

This particular interface equipment was never ordered as it was found that no requirement existed in the UNTAC operation network, and additionally, the OTC contract overtook this requirement.

8. Power system

(a) The amount of 24 one-kVA uninterruptible power supply systems was considered too small and inefficient. One was purchased for evaluation purposes but was deemed unacceptable. Consequently, 10 five-kVA units were ordered, which increased the cost by $46,675.

(b) Solar panels were found to be unsuitable in many locations. Instead, generators are being utilized. Consequently, only a limited number were ordered, resulting in a surplus of $94,480.

9. System management

This was incorporated into the OTC contract and consequently was not purchased under this line item, thereby saving a further $28,000.

10. VHF radio system

(a) Portable radio sets: a requirement was identified for approximately 2,780 portable radios instead of the 1,580 budgeted; therefore, an additional cost of $250,448 was incurred.

(b) Mobile vehicular sets: 5,060 VHF mobile transceivers were purchased, 300 of which came with base station option. A further 2,000 units are obligated for future purchase.

(c) Base stations: these units were not purchased, as 300 units of the mobile transceivers came complete with base station option. This facilitated standardization of sets and commonality in sparing.

(d) Repeaters: only 125 units of the 150 planned repeaters will be required. By purchasing cheaper 25-watt units instead of 100-watt units, a further saving was effected.

(e) Antennas for base stations: all antennas are required in this line item; $81,923 has been obligated and a further $66,000 is to be obligated, reflecting a saving of only $2,077.

(f) Antennas for repeaters: the antennas were forwarded as part of the repeater order; there is therefore no requirement for these antennas.

(g) Towers: of the 200 towers budgeted, only 37 were purchased, the 330 transportable masts as per line item 10 (b) proving to be more expedient, versatile and cost-effective.

(h) Masts: these transportable mobile masts, which are highly effective and extremely cost-effective, were utilized in place of the more cumbersome masts.

11. HF radio system

(a) Mobile sets: only 82 HF mobile units, some 40 with base station option, were purchased. The military HF system sufficed as an interim means and the OTC contact forwarded the main HF provision of 100 HF stations for the district sites. However, 132 HF units were purchased on behalf of the Ghanaian Battalion, which arrived unequipped, and a further 25 specialized units were fitted in the airwing transportation.

(b) Radio teletype: this unit has been supplied as per line item.

(c) Base station: no base stations as such were purchased, as the military system sufficed, and the OTC contract will provide the HF base station backbone. However, a number of mobile units (40) forwarded with base station option were used.

(d) Base station power amplifier: 4 units were forwarded from the United Nations supply depot at Pisa for long-distance communications at 1,000 watts to Battambang.

(e) Base station antennas: 40 base station antennas only were purchased to facilitate the use of 40 mobile units fitted with base station option.

(f) Marine station: the budget line underestimated these marine transceivers. Subsequently, the cost of longer antennas and specialized voltage converters increased the cost by $26,577 over the budget estimate.

ANNEX XIV

United Nations Transitional Authority in Cambodia

Spare parts for contingent-owned vehicles: cost estimates

(In United States dollars)

(1) Serial Number	(2) Contingent/Unit	(3) Number of Vehicles	(4) Estimated Value	(5) Estimated Requirements (about 4.5% of estimated value)
1	Australian signal unit	123	4,229,000.00	190,000.00
2	Bangladesh battalion	105	2,458,000.00	110,000.00
3	Bulgarian battalion	150	3,156,000.00	140,000.00
4	Canadian transport company	102	3,758,000.00	170,000.00
5	Chilean navy	3	61,000.00	3,000.00
6	Chinese engineer battalion	142	11,355,000.00	510,000.00
7	Netherlands battalion	200		
	Netherlands movement control	27		
	Netherlands air unit	18		
	Sub-total	245	15,876,000.00	706,000.00
8	French battalion	471		
	French engineer company	118		
	French air unit	58		
	Sub-total	647	40,503,000.00	1,800,000.00
9	German field hospital	30	1,694,000.00	75,000.00
10	Ghana battalion	8	169,000.00	8,000.00
11	Indian battalion	99		
	Indian field hospital	75		
	Sub-total	174	1,918,000.00	85,000.00
12	Indonesian battalion 1	67		
	Indonesian battalion 2	100		
	Sub-total	167	5,297,000.00	235,000.00
13	Japanese engineer battalion	333	23,000,000.00	1,000,000.00
14	Malaysian battalion	146	2,749,000.00	120,000.00
15	Pakistan battalion	99		
	Pakistan logistics company	55		
	Sub-total	154	2,826,000.00	125,000.00

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(1) Serial Number	(2) Contingent/Unit	(3) Number of Vehicles	(4) Estimated Value	(5) Estimated Requirements (about 4.5% of estimated value)
16	Polish logistics company Polish engineer company Sub-total	200 74 274	11,612,000.00	520,000.00
17	Philippine navy	8	200,000.00	9,000.00
18	Thai engineer battalion	161	7,767,000.00	345,000.00
19	Tunisian battalion	136	6,314,000.00	280,000.00
20	Uruguay battalion Uruguay navy Sub-total	108 2 110	2,137,000.00	95,000.00
	TOTAL	3,218	147,079,000.00	6,526,000.00

ANNEX XV

United Nations Transitional Authority in Cambodia

Helicopters: contract charges

A. Utility transport helicopter (AS-300 Puma)

1. These six helicopters are provided by France as a voluntary donation. UNTAC pays crew support costs, fuel and any handling charges incurred.

B. Medium transport helicopter (MI-17)

2. The contract provides for 18 MI-17 helicopters plus two standby craft. The contract was initially from mid-May to 14 August, and has since been extended to 31 October; extension to the end of the mission has been requested.

	United States dollars
Fixed charges	
Positioning	1 100 000.00
Depositioning	480 000.00
Painting	100 000.00
Monthly base cost	1 025 400.00
Hourly rate over 1,080 hours per month	780.00
Obligated to date	
Positioning/depositioning/painting	1 680 000.00
Base cost (May to October)	5 463 800.00
5,418 additional hours over the period	4 226 040.00
	11 369 840.00

3. These helicopters were chartered on the basis of a minimum monthly flying rate of 1,080 hours. In fact, this monthly minimum has been consistently exceeded. This has been caused by an inability to deploy helicopters to outlying areas on a full-time basis, as fuel and accommodations for crews have not been available in the areas. This has added many additional hours, as helicopters must transit from Phnom Penh to pick-up sites, perform the task, then transit back to Phnom Penh. Additional transit hours are incurred getting to the few locations where fuel is available. Fuel and accommodations are now becoming more easily available in the country, but it is anticipated that each aircraft will continue to fly approximately 75 hours per month owing to the sheer volume of logistics support requirements for which this helicopter is stationed in Cambodia.

	United States dollars
Projected costs: 1 November 1992-30 April 1993	
Base cost	6 152 400.00
Additional hours (20 per aircraft per month)	1 684 800.00
	7 837 200.00
Projected costs: 1 May-31 July 1993	
Base cost	3 076 200.00
Additional hours (20 per aircraft per month)	842 400.00
	3 918 600.00

C. Heavy transport helicopter (MI-26)

4. Two MI-26 helicopters were chartered from Aerolift starting in June. A third aircraft was added as a maintenance float, for which payment is based on the hourly cost, over minimum, should the aircraft be required to replace one down for maintenance or, as has occurred, when the volume of taskings in one particular day required its use. It should be noted that the monthly base cost and hourly rate were renegotiated effective 15 September from the originally quoted prices.

5. Two additional MI-26 helicopters were chartered from Skylink and commenced operation in mid-September. Contracts for all four full-time aircraft have been requested for extension to 31 October.

A. Aerolift costs

	United States dollars
Fixed charges	
Positioning/depositioning	No cost
Painting	30 000.00
Monthly base cost (to 15 September)	795 240.00
Monthly base cost (from 15 September)	530 000.00
Hourly rate over minimum (to 15 September)	6 627.00
Hourly rate over minimum (from 15 September)	3 555.00
Obligated to date	
Painting	30 000.00
Base cost to 15 September	2 783 340.00
27.5 additional hours to 15 September	1 822 425.00
Base cost (15 September-31 October)	795 000.00
25 additional hours, 15 September-31 October	88 875.00
	5 519 640.00

B. Skylink costs

	United States dollars
Fixed charges	
Positioning	200 000.00
Depositioning	30 000.00
Painting	No cost
Monthly base cost	540 000.00
Hourly rate over minimum	3 700.00
Obligated to date	
Positioning	200 000.00
Base cost	738 000.00
34.8 additional hours	129 000.00
	1 067 500.00
Total obligated (MI-26)	6 587 140.00

6. Problems with closure of airports and the impossibility of outposting aircraft owing to lack of fuel and accommodations throughout the country have resulted in extra hours having to be flown, over the minimum. Most of these have been hours flown positioning aircraft to perform tasks, to obtain fuel during tasks and to deposition back to Phnom Penh following task completion. The volume of requirements will continue to require additional hours above minimum per month, estimated at not more than 10 per aircraft per month.

	United States dollars
Projected costs: 1 November 1992-30 April 1993	
Positioning/depositioning	450 000.00
Painting	120 000.00
Base cost ($530 000 per aircraft)	
8 aircraft, 1 November-31 January 1993	12 720 000.00
4 aircraft, 1 February-30 April 1993	6 360 000.00
Additional hours (10 per aircraft per month)	1 279 800.00
	20 929 800.00
Projected costs: 1 May 1993-31 July 1993	
Base cost	6 360 000.00
Additional hours (10 per aircraft per month)	1 279 800.00
	7 639 800.00

D. Utility tactical transport helicopter (B-212) and light observation helicopter (B-206)

7. The size and power of the MI-17 and MI-26 prevent their use in some areas of the country. Accordingly, UNTAC has chartered, on an ad hoc hourly basis, as required, the services of one B-212 and two B-206 aircraft. These charters have been necessary to ensure that work can continue on the installation of communications equipment, reconnaissance of sites for prefabricated units and for some liaison work. These aircraft are charged at a rate of $1,200 per hour for the B-212 and $700 per hour for the B-206. To 31 October the B-212 has flown 30 hours, the two B-206 a total of 75 hours.

	United States dollars
Fixed charges	
B-212	36 000.00
B-206	52 500.00
	88 500.00

Projected costs: 1 November 1992-30 April 1993

Based on the following requirements:

	B-212	B-206
1 November-31 December	6	6
1 January-31 March	3	3
1 April-30 April	6	6

Estimates are based on:

Item	Cost per aircraft (United States dollars)
Positioning/depositioning	20 000.00
Painting	10 000.00
Base cost (including 75 hours per month)	
B-212	75 000.00
B-206	50 000.00

A. B-212

6 B-212: 1 November-31 December

Positioning/depositioning	120 000.00
Painting	60 000.00
Base cost	900 000.00
	1 080 000.00

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	United States dollars
3 B-212: 1 January-31 March	
Base cost	675 000.00
6 B-212: 1-30 April	
Positioning/depositioning (3 aircraft)	60 000.00
Painting (3 aircraft)	30 000.00
Base cost (6 aircraft)	450 000.00
	540 000.00
Total, B-212, 1 November-30 April	2 295 000.00

B. B-206

6 B-206: 1 November-31 December	
Positioning/depositioning	120 000.00
Painting	60 000.00
Base cost	600 000.00
	780 000.00
3 B-206: 1 January-31 March	
Base cost	450 000.00
6 B-206: 1-30 April	
Positioning/depositioning (3 aircraft)	60 000.00
Painting (3 aircraft)	30 000.00
Base cost (6 aircraft)	300 000.00
	390 000.00
Total, B-206, 1 November-30 April	1 620 000.00

Projected costs: 1 May-31 July 1993

Based on the following requirements:

	B-212	B-206
1 May-30 June	6	6
1-31 July	3	3

	United States dollars
A. B-212	
6 B-212: 1 May-30 June	
Base cost	900 000.00
3 B-212: 1-31 July	
Base cost	225 000.00
Total, B-212, 1 May-31 July	1 125 000.00
B. B-206	
6 B-206: 1 May-30 June	
Base cost	600 000.00
3 B-206: 1-31 July	
Base cost	150 000.00
Total, B-206, 1 May-31 July	750 000.00

E. Summary

	United States dollars
Total obligated, helicopters	
MI-17	11 369 840.00
MI-26	6 587 140.00
B-212/B-206	88 500.00
	18 045 480.00
Total projected costs, helicopters	
1 November-30 April 1993	
MI-17	7 837 200.00
MI-26	20 929 800.00
B-212 (1 November-31 December)	1 080 000.00
B-212 (1 January-31 March)	657 000.00
B-212 (1 April-30 April)	540 000.00
B-206 (1 November-31 December)	780 000.00
B-206 (1 January-31 March)	450 000.00
B-206 (1 April-30 April)	390 000.00
	32 682 000.00

1 May-31 July 1993

MI-17	3 918 600.00
MI-26	7 639 800.00
B-212	1 125 000.00
B-206	750 000.00
	13 433 400.00

Total projected costs:

15 March 1992-31 October 1992	18 045 480.00
1 November 1992-30 April 1993	32 682 000.00
1 May 1993-31 July 1993	13 433 400.00
	64 160 880.00

ANNEX XVI

United Nations Transitional Authority in Cambodia

Fixed-wing aircraft: contract charges

A. Communications/liaison aircraft (B-200)

The contract was initially for three months from 15 May; extended to 31 October, it is now requested until the end of the mission.

Fixed charges	United States dollars
Positioning	14 000.00
Painting	4 000.00
Depositioning (not yet obligated)	14 000.00
Monthly base cost	78 000.00
Block hour rate over 100 per month	400.00
Obligated to 31 October	
Positioning/depositioning/painting	32 000.00
Base cost (May-October)	390 000.00
	422 000.00

This aircraft has not yet exceeded the 100 minimum hours provided for in the contract, hence no additional hours have been charged.

Projected costs, 1 November to 30 April	
Monthly base cost	468 000.00
Projected costs, 1 May to 31 July	
Monthly base cost	234 000.00

B. Short take-off/landing aircraft (F-27)

Three aircraft were provided by the Government of the Netherlands. The United Nations is charged $65,000 per month per aircraft, plus $100,000 positioning/depositioning charges per aircraft. The aircraft arrived early in June and have been suggested for withdrawal at the end of October. Charges to date are:

	United States dollars
Positioning/depositioning	300 000.00
Monthly base cost	368 335.00
	668 335.00

C. Medium transport aircraft (C-160)

These aircraft are provided by the Government of France as a voluntary donation. UNTAC pays only for crew support, fuel and handling charges.

D. Heavy transport aircraft (L-100)

Two aircraft were initially chartered for a period of three months. One of the two aircraft was released on 15 August, the second has been retained until 31 October, with a further request that it be retained until the end of the mission.

Two additional aircraft were chartered for an initial period of one month. At the end of the initial month, one aircraft was extended for a further 10 days and was released on 14 July, the second until 31 August, at which date further extensions were requested until 31 October and subsequently until the end of the mission.

L-100 aircraft situation was therefore:

15-31 May	2
1 June-14 July	4
14 July-14 August	3
14 August-31 October	2

Charges are slightly different for each group of two aircraft.

First group	United States dollars
Positioning	55 000.00
Depositioning	55 000.00
Painting	15 000.00
Monthly base cost (2 aircraft, 200 hours)	568 000.00
Obligated to date	
Positioning/depositioning/painting	125 000.00
Base cost (2 aircraft, May-August)	1 704 000.00
Base cost (1 aircraft, August-October)	792 000.00
	2 621 000.00

Second group	United States dollars
Positioning	55 000.00
Depositioning	55 000.00
Painting	15 000.00
Monthly base cost (2 aircraft, 300 hours)	825 000.00
Obligated to date	
Positioning/depositioning/painting	125 000.00
Base cost (2 aircraft, 1 month)	825 000.00
10-day extension, 1 aircraft	90 000.00
Base cost (1 aircraft, July-October)	1 443 750.00
	2 483 750.00
Total obligated to date	5 104 750.00

Note: The second group of two aircraft was charged at a higher rate than the first group as the initial contract was only for a 30-day period; in addition, the contractor insisted on a minimum of 150 flying hours per month per aircraft, as opposed to 100 hours per aircraft for the first group. As one of the second group could be quickly configured as a tanker (20,000 litres per trip), the mission requested that it be retained to assist in overcoming fuel delivery problems. When the requirement was reduced to a total of two, one from each group was retained, but the difference in prices remained.

Projected costs, 1 November-30 April	United States dollars
1 November 1992-31 January 1993 (2 aircraft)	
Base cost ($350,000 per aircraft)	2 100 000.00
1 February-30 April 1993 (4 aircraft)	
Positioning/depositioning/painting (2 aircraft)	235 000.00
Base cost (4 aircraft)	4 200 000.00
	6 535 000.00
Projected costs, 1 May-31 July	
Base cost (4 aircraft)	4 200 000.00

Note: The exact mix of aircraft cannot at this time be predicted beyond 31 January 1993. It will depend upon the airfield state throughout the country and the refinement of the actual aircraft type requirement. It may be three smaller, medium-lift aircraft, or one more heavy-lift and two smaller medium-lift. The cost is calculated based on the basis of two heavy-lift as these are the more expensive option.

E. Amount obligated to date for all fixed-wing aircraft

	United States dollars
B-200	422 000.00
F-27	668 335.00
L-100	5 104 750.00
	6 195 085.00

F. Projected costs

1 November-30 April

B-200	468 000.00
L-100	6 535 000.00
	7 003 000.00

1 May-31 July

B-200	234 000.00
L-100	4 200 000.00
	4 434 000.00
Total projected costs	17 632 085.00

ANNEX XVII

United Nations Transitional Authority in Cambodia

Main trunking contract

Price breakdown

EQUIPMENT	PRICE US $
1 TRUNKING NETWORK	5,292,000.00
2 CIRCUIT SWITCHING	1,709,000.00
3 CABLE DISTRIBUTION	566,000.00
4 TERMINALS	91,000.00
5 STORE AND FORWARD	42,000.00
6 DATA NETWORK	428,000.00
7 SHELTERS	2,161,000.00
8 POWER	463,000.00
9 ILS (Integrated Logistics Support)	858,000.00
10 AUXILIARY TRANSMISSIONS	199,000.00
11 CONTROL SUBSYSTEMS	94,000.00
12 NETWORK MANAGEMENT SYSTEM	276,000.00
13 GROUP 3 FAXES (45)	142,000.00
14 GROUP 3/4 FAXES (5)	126,000.00
SUB TOTAL	15,447,000.00
SPARE PARTS AND SUPPLIES	
15 COMPRENHENSIVE DOCUMENTATION	62,000.00
16 TRAINING	146,000.00
17 NETWORK MAINTENANCE FACILITY	287,000.00
18 PABX CARD RESERVE	243,000.00
19 TELEPHONE 10% RESERVE	21,000.00
20 SPARE AND TEST EQUIPMENT	980,000.00
SUB TOTAL	1,739,000.00
TRANSPORT AND FREIGHT COSTS	
21 CONSUMABLE AND FREIGHT	3,213,000.00
SUB TOTAL	3,213,000.00
CONTRACTUAL COST FOR OPERATION OF THE TRUNKING SYSTEM	
22 SYSTEM DESIGN	611,000.00
23 PROJECT MANAGEMENT	1,159,000.00
24 INSTALLATION	1,769,000.00
25 TRAINING	173,000.00
26 LABOUR RELATED COSTS	1,062,000.00
27 FIXED FEE	3,700,000.00
28 O & M (1 YEAR) (Operation & Maintenance)	1,394,000.00
SUB TOTAL	9,868,000.00
CONTRACT TOTAL	*30,267,000.00*

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ANNEX XVIII

United Nations Transitional Authority in Cambodia

Cost data on data-processing equipment and distribution by civilian and military components

	Server	Desktop	Notebook	DeskJet	LaserJet	LQ-2550 1/	BJ-10ex 2/	UPS/LC 3/
Budgeted								
Civilian	9	884	300	650	29	10	300	884
Military	3	292	300	206	11		300	292
Total Units	12	1176	600	856	40	10	600	1176
Unit Cost	30000	2500	4200	650	3500	1000	600	1200
Total Cost	360,000	2,940,000	2,520,000	556,400	140,000	10,000	360,000	1,411,200
Actual								
Civilian	3	826	332	663	39	8	550	900
Military	0	367	459	307	13	2	155	453
Total Units	3	1193	791	970	52	10	705	1353
Avg Unit Cost	$47,702	$2,772	$3,198	$450	$1,994	$1,010	$506	$525
Total Cost	$143,105	$3,306,712	$2,529,799	$436,970	$103,662	$10,097	$356,395	$709,735
Savings/Over-runs	216,895	(366,712)	(9,799)	119,430	36,338	(97)	3,605	701,465

	Budgeted	Actual	Savings/Over-runs
Total Combined Standard Equipment Cost	$8,297,600	$7,596,476	$701,124
Specialized Equipment and Cabling	$450,000	$590,386	($140,386)
ShippingCost	$1,312,400	$462,438	$849,962
Total Combined EDP Cost	$10,060,000	$8,649,300	$1,410,700

1/ LQ-2550: High speed dot matrix printer.

2/ BJ-10ex: Portable printer for use with notebook computer.

3/ UPS/LC: Uninterruptible power supply/line conditioner combination.

ANNEX XIX

United Nations Transitional Authority in Cambodia

Cantoned soldiers' rehabilitation/reintegration projects

Serial	Project	Cost (US$)
1.	Metal works project	332 800
2.	Soap making project	200 600
3.	Entrepreneurship development in cantonments	91 300
4.	Literacy programme	118 900
5.	Entrepreneurial development in cantonments	151 000
6.	Vocational training	175 000
7.	Drivers training project	80 000
8.	Accelerated induction training programme	147 400
9.	Small enterprise promotion	44 000
10.	Cantoned soldiers agricultural kit	3 659 000
11.	Employment of cantoned troops	4 000 000
		9 000 000

ANNEX XX

United Nations Transitional Authority in Cambodia

Cost estimates for 179 United Nations Volunteers

1. Composition of 179 United Nations Volunteers

(a) 152 United Nations Volunteers specialists for the maintenance of vehicles, camps, office equipment etc.:

50 vehicle mechanics
12 engineer/camp managers
33 camp tradesmen
31 generator operators/mechanics
6 civil construction engineers
6 air conditioning/refrigeration technicians
6 office equipment technicians (to repair photocopiers, typewriters etc.)
3 radio operators
3 television/video technicians
2 radio technicians

(b) 27 United Nations Volunteers specialists to supplement the staff of the Division of Administration:

6 movement-control specialists to assist in planning and execution of ground and air movement of goods within UNTAC
6 procurement specialists, 3 of whom should be familiar with contracts and supplies relating to construction and engineering work
6 specialists in logistics
3 warehouse supervisors
3 claims specialists
3 computer specialists/programmers

2. Cost parameters

		United States dollars	
(a)	Administrative Unit cost (9 months)	200 000	
(b)	Other personnel costs (9 months)	723 250	923 250
(c)	Individual costs (per annum)		
	Variable costs:		
	Living allowance	11 425	
	Living accommodation	7 200	
	Resettlement allowance	1 200	19 825
			(19 825/12 = 1 652)

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Fixed costs:

	United States dollars	
Settling-in grant	1 500	
Medical and life insurance	1 200	
Assignment and travel	2 750	
Assignment and travel (HQ)	2 750	
Shipment	500	
Subsistence allowance	1 000	9 700
Simple furniture/durable	0	
Total individual costs	29 525	

3. Cost for November 1992 to April 1993

	Number of volunteers	Monthly rate	United States dollars
Variable costs:			
November 1992	27	1 652	44 604
December 1992	27	1 652	44 604
January 1993	179	1 652	295 708
February 1993	179	1 652	295 708
March 1993	179	1 652	295 708
April 1993	179	1 652	295 708
Total variable costs			1 272 040
Plus:			
Fixed costs ($9,700 - $2,750 x 179)			1 244 050
Administrative Unit cost, prorated ($200,000 x 6/9)			133 333
Other personnel cost, prorated ($723,250 x 6/9)			482 167
Subtotal			3 131 590
6.5% programme support cost (6.5% x $3,131,590)			203 553
Total costs, November 1992 to April 1993			3 335 143

4. Cost for May to July 1993

	Number of volunteers	Monthly rate	United States dollars
Variable costs:			
May 1993	179	1 652	295 708
June 1993	179	1 652	295 708
July 1993	179	1 652	295 708
Total variable costs			887 124
Plus:			
Outward travel of 179 United Nations Volunteers (179 x $2,750)			492 250
Administrative Unit cost, prorated ($200,000 x 3/9)			66 667
Other personnel cost, prorated ($723,250 x 3/9)			241 083
Subtotal			1 687 124
6.5% programme support costs (6.5% x 1,687,124)			109 663
Total costs, May to July 1993			1 796 787

ANNEX XXI

United Nations Transitional Authority in Cambodia

Cost estimates for 17 United Nations Volunteers
(general practitioners)

1. Cost parameters

		United States dollars	
(a)	Administrative Unit cost (11 months)	46 750	
(b)	Individual costs (per annum)		
	Variable costs:		
	Living allowance	11 425	
	Living accommodation	7 200	
	Resettlement allowance	1 200	19 825
			(19 825/12 = 1 652)
	Fixed costs:		
	Settling-in grant	1 500	
	Medical and life insurance	1 200	
	Assignment and travel	2 750	
	Assignment and travel (HQ)	2 750	
	Shipment	500	
	Subsistence allowance	1 000	
	Simple furniture/durable	0	9 700
	Total individual cost	29 525	

2. Cost for November 1992 to April 1993

	Number of volunteers	Monthly rate	United States dollars
Variable costs:			
November 1992	17	1 652	28 084
December 1992	17	1 652	28 084
January 1993	17	1 652	28 084
February 1993	17	1 652	28 084
March 1993	17	1 652	28 084
April 1993	17	1 652	28 084
Total variable costs			168 504

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Plus:	
Fixed costs ($9,700 - $2,750 x 17)	118 150
Administrative Unit cost, prorated ($46,750 x 6/9)	31 167
Subtotal	317 821
6.5% programme support cost (6.5% x $317,821)	20 658
Total costs November 1991 to April 1993	338 479

3. Cost for May to July 1993

	Number of volunteers	Monthly rate	United States dollars
Variable costs:			
May 1993	17	1 652	28 084
June 1993	17	1 652	28 084
July 1993	17	1 652	28 084
Total variable costs			84 252
Plus:			
Outward travel of 17 United Nations Volunteers (17 x $2,750)			46 750
Administrative Unit cost, prorated ($46,750 x 3/9)			15 583
Subtotal			146 585
6.5% programme support costs (6.5% x $146,585)			9 528
Total costs, May to July 1993			156 113

ANNEX XXII

Requirements for helicopters and fixed-wing aircraft

UNTAC AIR OPERATIONS

		1992												1993							
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
HELICOPTERS																					
A. Chartered																					
Heavy transport	MI-26	0	0	0	0	0	2	2	2	2	4	4	6	6	6	4	4	4	4	4	4
Medium transport	MI-17	0	0	0	0	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
Utility tactical transport	BO-105	0	0	0	0	0	0	0	0	1	1	6	6	3	3	3	6	6	6	3	
Light observation	SA-342	0	0	0	0	0	0	0	0	2	2	6	6	3	3	3	6	6	6	3	
B. Donated																					
Utility transport	PUMA	0	0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
FIXED-WING																					
A. Chartered																					
Heavy transport	C130	0	0	0	0	0	2	4	4	3	3	2	2	2	2	2	4	4	4	4	4	4
Communications/liaison aircraft	B200	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
B. Donated																					
Medium transport	C160	0	0	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Short take-off/landing	F27	0	0	0	0	0	3	3	3	3	3	0	0	0	0	0	0	0	0	0	0

ANNEX XXIII

Cost data on generators

COMPLEMENTARY COMMUNICATIONS EQUIPMENT
ACCOUNT 655
GENERATORS
(in US Dollars)

Description	No. of Units as per Budget Line	No. of Units Transferred from Other Missions	No. of Units Purchased	Total No. of Units Purchased	Average Unit Cost	UNAMIC/UNTAC Amount Spent
5 KVA	1,520	-	1,630	1,630	2,075.32	3,382,775.42
10 KVA	10	11	30	41	5,123.17	210,050.00
15 KVA	310	18	277	295	7,426.21	2,190,733.20
25 KVA	98	-	165	165	10,966.03	1,809,395.00
50 KVA	6	7	41	48	18,023.79	865,142.00
100 KVA	41	31	46	77	25,883.38	1,989,170.00
150 KVA	-	-	2	2	46,639.50	93,279.00
250 KVA	2	2	2	4	74,080.75	296,323.00
500 KVA	-	-	6	6	72,596.00	435,576.00
1,250 KVA	-	-	2	2	283,476.50	566,953.00
	1,987	69	2,201	2,270		
Fuel Tanks/Shelters* (no POs issued)						
Switchgear*						5,237.92
Freight						104,142.33
TOTAL						11,948,776.87

COMBINED BUDGET LINE

BUDGET LINE	11,659,700.00
AMOUNT SPENT	11,948,776.87
BALANCE	(-289,076.87)

Note: Much of the UNAMIC generators did not arrive until the UNTAC period and were incorporated into UNTAC budget, hence the rational to combine the two budget lines.

* Fuel Tanks and Shelters

(a) Fuel tanks supplied by Continental offshore private contractors.
(b) Shelter requirement reduced as large portion of generators came with canopy enclosures.

* Switchgear

(a) Large amount of generators came in pairs complete with switchgear.
(b) Switchgear supplied with larger generators also.